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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,877,269
2,909,481
2,928,800

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,877,269
2,909,481
2,928,800

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1708***
For each additional sheet over 30	**$19**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**$257**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**257 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce*.

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

établissements ou des bureaux désignés auprès desquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé™ et Xpresspost™ de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - cuxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC^, par Xpresspost^MC^ ou par voie électronique en utilsant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of June 12, 2018 contains applications open to public inspection from May 27, 2018 to June 2, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 12 juin 2018 contient les demandes disponibles au public pour consultation pour la période du 27 mai 2018 au 2 juin 2018.

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[54] **SYSTEME DE FREINAGE A VERROUILLAGE DE ROTOR INTEGRE POUR EOLIENNE, GENERATRICE ET EOLIENNE**
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[54] **PROCEDE DE REGULATION DE LA VITESSE DE ROTATION D'UNE EOLIENNE BASE SUR L'ACCELERATION DU ROTOR**
[72] EGEDAL, PER, DK
[72] KJAER, OLE, DK
[72] LIND, SOEREN OEMANN, DK
[72] STIESDAL, HENRIK, DK
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[54] **PROCEDE ET DISPOSITIF DE DETERMINATION NON INTRUSIVE DE LA PUISSANCE ELECTRIQUE CONSOMMEE PAR UNE INSTALLATION, PAR ANALYSE DE TRANSITOIRES DE CHARGE**
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[72] JOUANNET, THIERRY, FR
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[72] LAM, PATRICK, CA
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[54] **COMPOSITION DESTINEE A LA LUTTE CONTRE LES PARASITES ET PROCEDE DE LUTTE CONTRE LES PARASITES**
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[54] **SYSTEMES ET PROCEDES POUR L'AMELIORATION DU RENDEMENT DE SYNTHESE D'AMMONIAC**
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[73] GENERAL ELECTRIC COMPANY, US
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[73] PINCELL SRL, IT
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[72] PERSSON, CLAES-GOERAN, SE
[72] DIACHINA, JOHN, US
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[54] **METHODE DE VALIDATION DE LA CONCENTRATION DE SOLUTIONS AQUEUSE DE POLYMERE ET ACTIVATION POUR LE TRAITEMENT DE L'EAU ET UNITE DE PRODUCTION DE POLYMERE**
[72] CASPAR, MARTIN, CA
[72] DUPLA, MARIANNE, CA
[72] LACROIX, PHILIPPE, CA
[72] LALONDE, JOSEE, CA
[72] SABOURIN, HUGO, CA
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[54] **SYSTEME ET PROCEDE DE DETECTION DE BLINDAGE AVEC MARQUEUR EAS**
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[54] **METHODE DE TRANSMISSION DE MESSAGES ET RADIOBALISE CONNEXE DANS UN RESEAU DE COMMUNICATION ROUTIER**
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[54] **SYSTEME DE TRAITEMENT DE BIOMASSE ET METHODE DE PRODUCTION D'UNE SOLUTION DE SACCHARIDE A PARTIR DE CETTE BIOMASSE**
[72] SUZUKI, HIDEO, JP
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[54] **PROCEDE ET APPAREIL POUR LA COMMANDE DE TEMPERATURE ET DE DEBIT DE FLUIDE**
[72] DAVIS, SCOTT, US
[73] FORCED PHYSICS LLC, US
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[72] GROTH, NICOLA, IT
[73] SEQIRUS UK LIMITED, GB
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[54] **PROCEDE D'IMAGERIE PAR CONTRASTE DE PHASE AUX RAYONS X, FONDE SUR DES RESEAUX DE DIFFRACTION, EN UNE SEULE ETAPE ET N'EXIGEANT QUE DE FAIBLES DOSES**
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[72] WU, ZIYU, CN
[72] STAMPANONI, MARCO, CH
[73] PAUL SCHERRER INSTITUT, CH
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[54] **PROCEDES POUR DETECTER DES ORGANISMES ET DES REACTIONS ENZYMATIQUES EN UTILISANT LA SPECTROSCOPIE RAMAN ET COMPOSES AROMATIQUES COMPRENANT DU PHOSPHATE**
[72] SIEGEL, NEAL ARTHUR, US
[72] KUNDU, SAMAR KUMAR, US
[72] GINSBURGH, CHARLES LESTER, US
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[54] **DISPOSITIF PERMETTANT LA PROTECTION D'UN CONNECTEUR ET D'UN FIL DE COMMUNICATION D'UN LECTEUR DE CARTE A MEMOIRE**
[72] ROSSI, LAURENT, FR
[72] SCHANG, BERNARD, FR
[73] INGENICO GROUP, FR
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[72] BEYERLE, MICHAEL THOMAS, US
[72] WORTHINGTON, TIMOTHY DALE, US
[72] BRIAN, JOSEPH MARK, US
[73] HAIER US APPLIANCE SOLUTIONS, INC., US
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[54] **DAMEUSE COMPORTANT UN TREUIL POUR AMELIORER LA MANOEUVRABILITE DE LA DAMEUSE SUR LES PENTES RAIDES ET PROCEDE D'EXPLOITATION DU TREUIL**
[72] RUNGGALDIER, MARTIN, IT
[73] PRINOTH S.P.A., IT
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[54] **SYSTEME D'ALIMENTATION REGULEE A GRANDE DYNAMIQUE D'ENTREE DE TENSION**
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[72] TAURAND, CHRISTOPHE, FR
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[73] FRANKLIN FUELING SYSTEMS LIMITED, GB
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[72] JANARDHANAM, RAMESH, US
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[72] HAMAD, ABDEL, US
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[72] LIPPMEIER, JAMES CASEY, US
[72] SIMPSON, DAVID, US
[72] WANG, JUN, US
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[72] NIKOLIC, DAVID, DE
[72] BERENDS, PIETER, DE
[72] HO, DAC THANG, CH
[72] FLEURY REY, YVETTE, CH
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[54] **COMMUTATEUR DE TRANSFERT AUTOMATIQUE SENSIBLEA UNE SERIE DE MESSAGE DE COMMUNICATION ET SYSTEME D'ENERGIE Y FAISANT APPEL**
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[72] LAL, DHANANJAY, US
[73] EATON CORPORATION, US
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[54] **DERIVES D'IMIDAZO[1,2-A]PYRIDINE EN TANT QU'INHIBITEURS DE FGFR KINASES DESTINES A ETRE UTILISES EN THERAPEUTIQUE**
[72] SAXTY, GORDON, GB
[72] BERDINI, VALERIO, GB
[72] MURRAY, CHRISTOPHER WILLIAM, GB
[72] FREYNE, EDDY JEAN EDGARD, BE
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[72] WROBLOWSKI, BERTHOLD, BE
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[54] **PROCEDE ET SYSTEME PERMETTANT D'ETABLIR UN CONTEXTE DE PRESENCE DANS UNE PLATE-FORME DE PRESENCE**
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[72] MARTIN-COCHER, GAELLE CHRISTINE, CA
[73] BLACKBERRY LIMITED, CA
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[72] FONG, KENTON, US
[72] PINTO, MOSHE, US
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[54] **POLYPEPTIDE DEGRADANT LES HYDRATES DE CARBONE ET SES UTILISATIONS**
[72] SAGT, CORNELIS MARIA JACOBUS, NL
[72] SCHOONEVELD-BERGMANS, MARGOT ELISABETH FRANCOISE, NL
[72] ROUBOS, JOHANNES ANDRIES, NL
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[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[72] HOEFT, BENOIT, FR
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[72] SIGWALT, RENE, FR
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[72] VACCARO, SUSANNA, IT
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[73] GENERAL ELECTRIC COMPANY, US
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[72] KLOOSTERBOER, HELENIUS JAN, NL
[73] ORGANEXT RESEARCH B.V., NL
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[72] KRUZENISKI, MICHAEL J., US
[72] WILSON, BRIAN M., US
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[54] **DISPOSITIF ET PROCEDE POUR LE TRANSPORT D'UN ROTOR D'EOLIENNE**
[72] LYNDERUP, HENRIK FOMSGAARD, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[72] TERAN MATUS, JOSE ADALBERTO, MX
[73] RFID MEXICO S.A. DE C.V., MX
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[54] **METHOD FOR MEASUREMENT OF EQUOL IN BIOLOGICAL SAMPLE BY IMMUNOASSAY, KIT FOR THE MEASUREMENT, AND METHOD FOR DETERMINATION OF EQUOL PRODUCTION ABILITY OF SUBJECT**
[54] **PROCEDE DE MESURE D'EQUOL DANS UN ECHANTILLON BIOLOGIQUE PAR IMMUNO-ESSAI, NECESSAIRE POUR LA MESURE, ET PROCEDE DE DETERMINATION DE CAPACITE DE PRODUCTION D'EQUOL D'UN SUJET**
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[72] SHINDOME, KUMIKO, JP
[72] ABE, KATSUSHI, JP
[72] OKUMA, HIROSHI, JP
[72] ANDO, CHIEKO, JP
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[72] ROTH, BERNHARD, DE
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[54] **CHAMBRE A ARC MONOBLOC A COURANT CONTINU ET APPAREIL DE COMMUTATION ELECTRIQUE BIDIRECTIONNELLE A COURANT CONTINU AINSI EQUIPE**
[72] ZHOU, XIN, US
[72] JUDS, MARK A., US
[72] KODELA, NARESH K., IN
[72] BEATTY, WILLIAM E., JR., US
[73] EATON CORPORATION, US
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[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES DERIVES DE PRASUGREL ET DE CYCLODEXTRINE, LEURS PROCEDES DE PREPARATION ET METHODES D'UTILISATION**
[72] MOSHER, GEROLD, US
[72] MACHATHA, STEPHEN G., US
[72] CUSHING, DANIEL J., US
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[54] **MARQUEURS D'AFFINITE CYCLIQUES PRODUITS BIOLOGIQUEMENT.**
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[72] KUIPERS, ANNEKE, NL
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[72] MOLL, GERT NIKOLAAS, NL
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[54] **METHOD FOR DETOXIFICATION OF LIPOPOLYSACCHARIDE (LPS) OR OF LIPID A OF GRAM-NEGATIVE BACTERIA**
[54] **PROCEDE DE DETOXIFICATION DU LIPOPOLYSACCHARIDE (LPS) OU DU LIPIDE A DES BACTERIES A GRAM-NEGATIF**
[72] HAENSLER, JEAN, FR
[72] DALENCON, FRANCOIS, FR
[72] MOREAU, MONIQUE, FR
[72] MISTRETTA, NOELLE, FR
[73] SANOFI PASTEUR, FR
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[54] **METHODE HAUTE PRESSION DE FRACTURATION D'HYDROCARBURES A LA DEMANDE ET PROCEDE CONNEXE**
[72] PETTIGREW, DANA, CA
[73] NEXEN ENERGY ULC, CA
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[54] **SALTS OF BICYCLO-SUBSTITUTED PYRAZOLON AZO DERIVATIVES, PREPARATION METHOD AND USE THEREOF**
[54] **SELS DE DERIVES AZOIQUES DE PYRAZOLONE SUBSTITUEE PAR UN SUBSTITUANT BICYCLIQUE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**
[72] TANG, PENG CHO, CN
[72] LUE, HEJUN, CN
[72] FEI, HONGBO, CN
[72] CHEN, YIQIAN, CN
[73] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[73] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
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[25] EN
[54] **IMPROVEMENT OF LONG CHAIN OMEGA-3 AND OMEGA-6 POLYUNSATURATED FATTY ACID BIOSYNTHESIS BY EXPRESSION OF ACYL-COA LYSOPHOSPHOLIPID ACYLTRANSFERASES**
[54] **AMELIORATION DE LA BIOSYNTHESE D'ACIDE GRAS OMEGA-3 ET OMEGA-6 POLYINSATURE A CHAINE LONGUE PAR L'EXPRESSION D'ACYL-COA LYSOPHOSPHOLIPIDE ACYLTRANSFERASE**
[72] YADAV, NARENDRA S., US
[72] ZHANG, HONGXIANG, US
[72] ZHU, QUN, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **IMPROVED RECONSTITUTED SURFACTANT COMPOSITION CONTAINING ANALOGS OF SURFACTANT PROTEIN B (SP-B) AND SURFACTANT PROTEIN C (SP-C)**
[54] **COMPOSITION DE SURFACTANT RECONSTITUE AMELIOREE CONTENANT DES ANALOGUES DE LA PROTEINE B DU SURFACTANT (SP-B) ET DE LA PROTEINE C DU SURFACTANT (SP-C)**
[72] PIVETTI, FAUSTO, IT
[72] BOCCHI, MONICA, IT
[72] SOLIANI RASCHINI, ANNAMARIA, IT
[73] CHIESI FARMACEUTICI S.P.A., IT
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[54] **HVAC/R SYSTEM WITH MULTIPLE POWER SOURCES AND TIME-BASED SELECTION LOGIC**
[54] **SYSTEME DE CVCA/R MUNI DE MULTIPLES SOURCES D'ALIMENTATION ET D'UNE LOGIQUE DE SELECTION FONDEE SUR L'HEURE ACTUELLE**
[72] ROCKENFELLER, UWE, US
[72] SARKISIAN, PAUL, US
[72] KHALILI, KAVEH, US
[72] HARHAY, WARREN, US
[73] ROCKY RESEARCH, US
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[54] **METHOD FOR PRODUCING A BUILDING HAVING A PREFABRICATED WOOD FRAMEWORK, AND RESULTING BUILDING**
[54] **PROCEDE POUR LA REALISATION D'UN BATIMENT A OSSATURE BOIS PREFABRIQUE ET BATIMENT AINSI OBTENU**
[72] LITAIZE, PIERRE-EMMANUEL, FR
[73] ELMERE, FR
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[54] **CLOSED CIRCUIT DESALINATION RETROFIT FOR IMPROVED PERFORMANCE OF COMMON REVERSE OSMOSIS SYSTEMS**
[54] **REINSTALLATION DE DESSALEMENT EN CIRCUIT FERME POUR PERFORMANCES AMELIOREES DE SYSTEMES A OSMOSE INVERSE COURANTS**
[72] EFRATY, AVI, IL
[73] DESALITECH LTD., IL
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[54] **SYSTEME DE GUIDAGE A DEUX BOBINES POUR SUIVRE DES TROUS DE FORAGE**
[72] KUCKES, ARTHUR, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[72] LARSSON, INGEMAR, SE
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
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[54] **BEAMSPLITTER CONFIGURATION FOR OPTICAL SUBTRACTION OF SELF EMISSION WITH FOURIER TRANSFORM SPECTROMETER IN DUAL INPUT PORT MODE**
[54] **AGENCEMENT SEPARATEUR DE FAISCEAUX POUR LA SOUSTRACTION OPTIQUE DE L'AUTO-EMISSION AVEC SPECTROMETRE A TRANSFORMEE DE FOURIER DANS UNE PORTE D'ACCES A DEUX ENTREES**
[72] BUIJS, HENRY L., CA
[73] ABB BOMEM INC., CA
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[54] **METHOD AND DEVICE FOR PRODUCING PREFORMS WITH SPECIAL GEOMETRIES**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION DE PREFORMES D'UNE GEOMETRIE PARTICULIERE**
[72] BOCK, STEFAN, CH
[72] SCHEUNEMANN, BRITTA, CH
[73] NETSTAL-MASCHINEN AG, CH
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[54] **VARIANTS AMELIORES D'UNE PHYTASE**
[72] BLESA, STEPHANE, FR
[72] CHAUTARD, HELENE, FR
[72] DELCOURT, MARC, FR
[72] MESTA, LAURENT, FR
[72] WINTER, BRUNO, DE
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[72] TURNIS, JUSTIN J., US
[72] MAHRENHOLZ, JOHN R., US
[73] DEERE & COMPANY, US
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[72] WATTS, KYLE T., US
[73] ENERGY CREATES ENERGY LLC, US
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[54] **TAPPED INSERT FOR CYLINDRICAL BORE AND INSTALLATION EQUIPMENT FOR SUCH INSERT**
[54] **ELEMENT RAPPORTE TARAUDE POUR TROU CYLINDRIQUE ET MATERIEL D'INSTALLATION POUR UN TEL ELEMENT RAPPORTE**
[72] FABRE, CHRISTIAN, FR
[72] BIGNOLAIS, ALAIN, FR
[73] AIRBUS OPERATIONS (S.A.S.), FR
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[54] **METHOD AND SYSTEM FOR PRODUCING MONOSILANE**
[54] **PROCEDE ET INSTALLATION POUR LA FABRICATION DE MONOSILANE**
[72] PETRIK, ADOLF, DE
[72] SCHMID, CHRISTIAN, DE
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[73] SCHMID SILICON TECHNOLOGY GMBH, DE
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[54] **SERUM MARKERS ASSOCIATED WITH EARLY AND OTHER STAGES OF BREAST CANCER**
[54] **MARQUEURS DANS LE SERUM ASSOCIES A DES STADES PRECOCES ET A D'AUTRES STADES D'UN CANCER DU SEIN**
[72] CHANG, FRANK N., US
[72] DUONG, PHU T., US
[72] TUSZYNSKI, GEORGE P., US
[73] TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[73] THE SURE CHILL COMPANY LIMITED, GB
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[54] **SYSTEME D'EMBRAYAGE A FRICTION**
[72] WILSON, PATRICK R., US
[72] PAYNE, KEVIN C., US
[72] BATY, WILLIAM F., US
[73] TNMJ CALIBER, LLC, US
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[54] **TRIAZOLOPYRIDINE COMPOUND, AND ACTION THEREOF AS PROLYL HYDROXYLASE INHIBITOR AND ERYTHROPOIETIN PRODUCTION INDUCER**
[54] **COMPOSE TRIAZOLOPYRIDINE ET SON ACTION COMME INHIBITEUR DE LA PROLYL HYDROXYLASE ET INDUCTEUR DE LA PRODUCTION D'ERYTHROPOIETINE**
[72] MITANI, IKUO, JP
[72] OGOSHI, YOSUKE, JP
[72] MATSUI, TAKUYA, JP
[72] YOKOTA, MASAHIRO, JP
[72] TERASHITA, MASAKAZU, JP
[72] MOTODA, DAI, JP
[72] UEYAMA, KAZUHITO, JP
[72] ABE, HIROYUKI, JP
[72] HOTTA, TAKAHIRO, JP
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[73] JAPAN TOBACCO INC., JP
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[54] **MELANGES DE PESTICIDES MESO-IONIQUES**
[72] HOLYOKE, CALEB WILLIAM, JR., US
[72] ZHANG, WENMING, US
[72] TONG, MY-HANH THI, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **ANTICORPS HUMAINS D'AFFINITE ELEVEE DIRIGES CONTRE L'ANGIOPOIETINE 2 HUMAINE**
[72] THURSTON, GAVIN, US
[72] DALY, CHRISTOPHER, US
[73] REGENERON PHARMACEUTICALS, INC., US
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[54] **VERRE SANS LITHIUM A MODULE AMELIORE**
[72] HOFMANN, DOUGLAS, US
[72] MCGINNIS, PETER, US
[72] WINGERT, JOHN, US
[72] BERTHEREAU, ANNE, US
[73] OCV INTELLECTUAL CAPITAL, LLC, US
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[54] **ENSEMBLE CLAYETTE DE REFRIGERATEUR RETENANT LES DEBORDEMENTS**
[72] DRIVER, JOHN PATRICK, US
[72] MCMILLIN, MATTHEW, US
[72] NALL, BRADLEY M., US
[73] SSW HOLDING COMPANY, INC., US
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[72] HARRISON-MEYER, ELIZABETH, US
[72] LEV, MORDECHAI, US
[73] FKA DISTRIBUTING CO., LLC, US
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[54] **APPLICATEURS DE PREPARATION CHIRURGICALE**
[72] LAW, BRIAN ROBERT, GB
[72] PRITCHETT, DAVID JOHN, GB
[73] RIEKE CORPORATION, US
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[54] **FAUTEUIL A DOSSIER BASCULANT**
[72] PIRETTI, ALESSANDRO, IT
[73] PRO-CORD S.P.A., IT
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[54] **PLASMODIUM FALCIPARUM SPOROZOITE AND LIVER STAGE ANTIGENS**
[54] **ANTIGENES DE SPOROZOITES DE PLASMODIUM FALCIPARUM EN PHASE HEPATIQUE**
[72] LIMBACH, KEITH, US
[72] AGUIAR, JOAO, US
[72] SEDEGAH, MARTHA, US
[72] RICHIE, THOMAS, US
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[54] **4-SUBSTITUTED PYRIDIN-3-YL-CARBOXAMIDE COMPOUNDS AND USES THEREOF FOR TREATING CANCER**
[54] **COMPOSES DE PYRIDINE-3-YL-CARBOXAMIDE 4-SUBSTITUEE ET SES UTILISATIONS EN VUE DU TRAITEMENT CONTRE LE CANCER**
[72] EBENS, ALLEN J., JR., US
[72] WANG, XIAOJING, US
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **ROBOT EQUIPE D'UN MECANISME LUI PERMETTANT D'EVITER LES OBSTACLES**
[72] SARH, BRANKO, US
[72] ASADA, HARUHIKO H., US
[72] KARASIC, GEOFFREY L., US
[73] THE BOEING COMPANY, US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **FRAISE CHIRURGICALE NERVUREE**
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[72] MANLEY, KEVIN, IE
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[54] **PROCEDE D'ANALYSE STRUCTURALE DE PANNEAUX EN MATERIAU ISOTROPE DE TYPE RAIDIS PAR DES POCHES TRIANGULAIRES**
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[72] DAHOUSSI, ZAHER, US
[72] HORL, BRADFORD, US
[72] HERMAN, SCOTT, US
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[54] **COMPOSITION HYDROCARBONEE ET SON PROCEDE DE FABRICATION**
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[72] RICHARD, NICOLAS, FR
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[72] MCCARTHY, ROBERT J., JR., US
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[54] **SYSTEME ET PROCEDE PERMETTANT DE DETECTER UN NIVEAU DE LIQUIDE**
[72] THOMPSON, M. CLARK, US
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[72] RUBBO, RICHARD P., US
[72] ANDERSON, DAVID KING, II, US
[72] YAMASAKI, MARK H., US
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[54] **PROCEDE DE PRODUCTION DE PAPIER, CARTON ET CARTON BLANCHI DE GRANDE RESISTANCE A LA TRACTION A L'ETAT SEC**
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[72] RAILKAR, SUDHIR, US
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[54] **SYSTEME A DOUBLE ANALYSEUR POUR UN FLUIDE BIOLOGIQUE**
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[72] FONG, LONG HIN, CA
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[73] CHEM GROUP, INC., US
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[54] **PROCEDE POUR ETABLIR UN CHEMIN MULTIMEDIA OPTIMISE ET PASSERELLE DE SIGNALISATION PERMETTANT D'IMPLEMENTER CE PROCEDE**
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[72] SOLACE, BRYAN KEITH, US
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[54] **FORMULATIONS DE COMPRIME BICOUCHE**
[72] ABEBE, ADMASSU, US
[72] MARTIN, KYLE, US
[72] PATEL, JATIN M., US
[72] DESAI, DIVYAKANT, US
[72] TIMMINS, PETER, US
[73] ASTRAZENECA AB, SE
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[54] **IMMEDIATE RELEASE TABLET FORMULATIONS**
[54] **FORMULATIONS POUR COMPRIMES A LIBERATION IMMEDIATE**
[72] HALLGREN, AGNETA, SE
[72] SWENSON, RALF MAGNUS WERNER, SE
[73] ASTRAZENECA UK LIMITED, GB
[73] ASTRAZENECA AB, SE
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[54] **DISPOSABLE FLUID PATH SYSTEMS AND METHODS FOR PROCESSING COMPLEX BIOLOGICAL MATERIALS**
[54] **SYSTEMES DE CIRCUIT DE FLUIDE JETABLES ET PROCEDES POUR TRAITER DES MATERIAUX BIOLOGIQUES COMPLEXES**
[72] SHOEMAKER, PHILIP ALEXANDER, US
[72] WILLIAMS, ERIC DOUGLAS, US
[72] WHITE, JAMES MITCHELL, US
[72] GRIFFIN, WESTON BLAINE, US
[72] ROY, JAYDEEP, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **APPARATUS AND SET FOR FOLDING OR UNFOLDING A MEDICAL IMPLANT AND METHOD**
[54] **APPAREIL ET ENSEMBLE DE PLIAGE OU DE DEPLIAGE D'IMPLANT MEDICAL ET METHODE ASSOCIEE**
[72] GOETZ, WOLFGANG, DE
[72] LIM, HOU-SEN, SG
[73] VENUS MEDTECH (HANGZHOU), INC., CN
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[54] **ASSEMBLY OF FLOWMETER TO PCB IN A BEVERAGE MACHINE**
[54] **RACCORDEMENT D'UN DEBITMETRE ET D'UNE CARTE DE CIRCUIT IMPRIME DANS UNE MACHINE A BOISSONS**
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[72] ZIEGLER, MARTIN, CH
[73] NESTEC S.A., CH
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[54] **PIECE DE FIXATION D'EVIER POUR FIXER UN EVIER A UN COMPTOIR**
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[54] **PROCEDE DE BOUCHAGE DE TROU ET TROU BOUCHE**
[72] FISCHER, ANDREAS, SE
[72] STEMME, GORAN, SE
[72] NIKLAUS, FRANK, SE
[72] ROXHED, NIKLAS, SE
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[54] **CAPTEURS UTILISANT DES MICROBES POUR LA SURVEILLANCE DE L'ENVIRONNEMENT**
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[72] SILVER, MATTHEW, US
[73] CAMBRIAN INNOVATION, INC., US
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[54] **ENSEMBLE D'USURE POUR EXCAVATRICE**
[72] GUIMARAES, MIGUEL, AU
[72] LILLEY, BRUCE, AU
[72] NIENABER, QUINTIN, AU
[72] YOUNG, TONY, AU
[73] CQMS PTY LTD, AU
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[54] **HETEROAROMATIC ARYL TRIAZOLE DERIVATIVES AS PDE10A ENZYME INHIBITORS**
[54] **DERIVES HETEROAROMATIQUES D'ARYLTRIAZOLE EN TANT QU'INHIBITEURS DE L'ENZYME PDE10A**
[72] PUSCHL, ASK, DK
[72] NIELSEN, JACOB, DK
[72] KEHLER, JAN, DK
[72] KILBURN, JOHN PAUL, DK
[72] MARIGO, MAURO, DK
[72] LANGGARD, MORTEN, DK
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[54] **A PROCESS FOR INITIATING A HIGHLY SELECTIVE ETHYLENE OXIDE CATALYST**
[54] **PROCEDE D'INITIATION D'UN CATALYSEUR HAUTEMENT SELECTIF A BASE D'OXYDE D'ETHYLENE**
[72] RIZKALLA, NABIL, US
[72] CASTAGNOLA, NORMA B., US
[72] DESAI, GIRISH, US
[73] SCIENTIFIC DESIGN COMPANY, INC., US
[85] 2012-06-14
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[54] **GENERATEUR DE COMPOSANTS VISUELS**
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[72] MARTIN, CATHERINE HOLLENBECK, US
[72] OLIGINO, DEAN ANTHONY, US
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[54] **SERRURE A BARILLET COMPORTANT UNE BARRE LATERALE ET DES BROCHES LATERALES, ENSEMBLE CLEF ET SERRURE**
[72] HERRMANN, JONAS, SE
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[25] EN
[54] **SCREEN LIFT MECHA.NISM FOR VARIABLE SLOPE VIBRATING SCREENS**
[54] **MECANISME DE SOULEVEMENT DE TAMIS DESTINE A DES TAMIS VIBRANTS A PENTE VARIABLE**
[72] SCHIRM, PAYTON, US
[72] YOUNG, GREGORY, US
[73] TEREX USA, LLC, US
[86] (2785363)
[87] (2785363)
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[30] US (13/570,009) 2012-08-08

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[25] EN
[54] **CONVEYOR SUPPORT MECHANISM FOR VARIABLE SLOPE VIBRATING SCREENS**
[54] **MECANISME DE SUPPORT DE CONVOYEUR POUR LES TAMIS VIBRANTS A PENTE VARIABLE**
[72] CARTER, REX, US
[73] TEREX USA, LLC, US
[86] (2785457)
[87] (2785457)
[22] 2012-08-10
[30] US (61/522,016) 2011-08-10
[30] US (13/569,726) 2012-08-08

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[54] **FINES SCALPING CHUTE FOR VARIABLE SLOPE VIBRATING SCREENS**
[54] **CHUTE DE DECOUPAGE DE RESIDUS POUR ECRANS VIBRANTS A PENTE VARIABLE**
[72] IRWIN, KENNETH, US
[72] REED, CHRISTOPHER, US
[73] TEREX USA, LLC, US
[86] (2785551)
[87] (2785551)
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[30] US (13/569,878) 2012-08-08

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[25] EN
[54] **CONVEYOR JACKSHAFT FOR VARIABLE SLOPE VIBRATING SCREENS**
[54] **ARBRE SECONDAIRE DE CONVOYEUR POUR ECRANS VIBRANTS A PENTE VARIABLE**
[72] CARTER, REX, US
[73] TEREX USA, LLC, US
[86] (2785554)
[87] (2785554)
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[25] EN
[54] **DOWNHOLE DATA TRANSMISSION SYSTEM**
[54] **SYSTEME DE TRANSMISSION DE DONNEES DE FOND DE TROU**
[72] ALTEIRAC, LAURENT, NO
[72] RAYSSIGUIER, CHRISTOPHE, FR
[72] MERINO, CARLOS, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2012-06-26
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[25] EN
[54] **FLEXIBLE PACKAGE FOR TOBACCO MATERIAL**
[54] **PAQUET FLEXIBLE POUR PRODUIT A BASE DE TABAC**
[72] SAINT-GIRONS, SANDRINE, CH
[72] BRADY, DAN, GB
[72] SAYERS, STEVE, GB
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[51] **Int.Cl. G10L 21/003 (2013.01)**
[25] EN
[54] **CONTINUOUS PITCH-CORRECTED VOCAL CAPTURE DEVICE COOPERATIVE WITH CONTENT SERVER**
[54] **DISPOSITIF DE CAPTURE VOCALE A HAUTEUR CORRIGEE CONTINUE COOPERANT AVEC UN SERVEUR DE CONTENU**
[72] SALAZAR, SPENCER, US
[72] FIEBRINK, REBECCA A., CA
[72] WANG, GE, US
[72] LJUNGSTROEM, MATTIAS, DE
[72] SMITH, JEFFREY C., US
[72] COOK, PERRY R., US
[73] SMULE, INC., US
[85] 2012-07-03
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[25] EN
[54] **MECHANICAL LOCKING SYSTEM FOR FLOOR PANELS AND A TONGUE THEREFORE**
[54] **SYSTEME DE VERROUILLAGE MECANIQUE POUR PANNEAUX DE PLANCHER ET LANGUETTE POUR CELUI-CI**
[72] PERVAN, DARKO, SE
[72] PAALSSON, AGNE, SE
[73] VAELINGE INNOVATION AB, SE
[85] 2012-07-06
[86] 2011-02-03 (PCT/SE2011/050116)
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[25] EN
[54] **GRAPHENE-MODIFIED LITHIUM IRON PHOSPHATE POSITIVE ELECTRODE ACTIVE MATERIAL, PREPARATION OF THE SAME AND LITHIUM-ION SECONDARY CELL**
[54] **MATERIAU ACTIF D'ELECTRODE POSITIVE AU PHOSPHATE DE FER ET DE LITHIUM MODIFIE AU GRAPHENE, SON PROCEDE DE PREPARATION ET BATTERIE RECHARGEABLE LITHIUM-ION COMPRENANT LEDIT MATERIAU**
[72] LIU, ZHAOPING, CN
[72] ZHOU, XUFENG, CN
[73] NINGBO INSTITUTE OF MATERIALS TECHNOLOGY AND ENGINEERING, CHINESE ACADEMY OF SCIENCES, CN
[73] NINGBO ENERGY MATERIAL TECHNOLOGY CO., LTD, CN
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[25] EN
[54] **MULTI-BEAM X-RAY SYSTEM**
[54] **SYSTEME A RAYONS X A MULTIPLES FAISCEAUX**
[72] VERMAN, BORIS, US
[72] YOUNG, MICHAEL, US
[72] JIANG, LICAI, US
[73] RIGAKU INNOVATIVE TECHNOLOGIES, INC., US
[85] 2012-07-20
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[54] **FLEXIBLE, STRONGLY ABSORBING MATERIAL**
[54] **MATERIAU SOUPLE FORTEMENT ABSORBANT**
[72] ROETTGER, HENNING, DE
[72] LUTTER, STEFANIE, DE
[72] EHMKE, RALF, DE
[73] GLATFELTER FALKENHAGEN GMBH, DE
[85] 2012-07-23
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[25] FR
[54] **METHODS FOR DIRECTLY ACCESSING THE VOICEMAIL OF A CALL RECIPIENT AND FOR LEAVING A VOICE MESSAGE ON A VOICEMAIL**
[54] **PROCEDES POUR ACCEDER DIRECTEMENT AU REPONDEUR VOCAL D'UN DESTINATAIRE ET POUR DEPOSER UN MESSAGE VOCAL SUR UN REPONDEUR**
[72] DERDERIAN, DIDIER, FR
[72] FRANCOIS, THIERRY, FR
[72] RAIMONDEAU, STEPHANE, FR
[73] NEOCOM MULTIMEDIA, FR
[85] 2012-07-26
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[54] **INFORMATION SEARCH SYSTEM WITH REAL-TIME FEEDBACK**
[54] **SYSTEME DE RECHERCHE D'INFORMATIONS AVEC RETOUR EN TEMPS REEL**
[72] LEBEAU, MICHAEL J., US
[72] PHUKAN, PRASENJIT, US
[73] GOOGLE LLC, US
[85] 2012-07-31
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[25] EN
[54] **INFUSION PUMP APPARATUS, METHOD AND SYSTEM**
[54] **APPAREIL, PROCEDE ET SYSTEME DE POMPE A PERFUSION**
[72] KAMEN, DEAN, US
[72] KERWIN, JOHN M., US
[72] MANDRO, MARC A., US
[72] DURAND, KEVIN A., US
[72] GRAY, LARRY B., US
[72] LANIER, GREGORY R., JR., US
[72] MURPHY, COLIN H., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[51] **Int.Cl. A61M 5/178 (2006.01)**
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[54] **SYRINGE PRODUCTS AND RELATED METHODS AND USES**
[54] **PRODUITS SERINGUES, METHODES ET UTILISATIONS AFFERENTES**
[72] SCHRADER, EUGENE F., US
[73] LIEBEL-FLARSHEIM COMPANY LLC, US
[85] 2012-08-13
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[51] **Int.Cl. E05B 47/00 (2006.01) E05B 63/00 (2006.01) E05B 65/46 (2017.01)**
[25] EN
[54] **ELECTRONIC CABINET/DRAWER LOCK SYSTEM**
[54] **SYSTEME DE VERROUILLAGE ELECTRONIQUE D'ARMOIRE/TIROIR**
[72] WEBB, MICHAEL W., US
[72] PEABODY, JOSHUA T., US
[72] SULLIVAN, SCOTT P., US
[72] FIGUEROA-DEL POZO, FRANCISCO, US
[72] WILDING, ANDREW LEE, US
[73] HANCHETT ENTRY SYSTEMS, INC., US
[86] (2789888)
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[51] **Int.Cl. G01N 33/48 (2006.01) A01N 1/02 (2006.01) G01N 1/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ANATOMICAL PATHOLOGY SAMPLE HANDLING, STORAGE, AND ANALYSIS**
[54] **SYSTEME ET PROCEDE DE MANIPULATION, DE STOCKAGE ET D'ANALYSE D'ECHANTILLONS ANATOMOPATHOLOGIQUES**
[72] MARKIN, RODNEY S., US
[73] PRAIRIE VENTURES, L.L.C., US
[85] 2012-08-15
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[51] **Int.Cl. G01N 21/64 (2006.01) G01N 15/06 (2006.01)**
[25] EN
[54] **HANDHELD FLUOROMETER AND METHOD OF USE**
[54] **FLUOROMETERE TENU A LA MAIN ET PROCEDE D'UTILISATION**
[72] CHRISTENSEN, WILLIAM M., US
[72] TOKHTUEV, EUGENE, US
[72] CARLSON, BRIAN PHILIP, US
[72] KRAUS, PAUL R., US
[72] PESIGAN, BENEDICT F., US
[72] KLEGIN, JILL MARIE, US
[72] HARTZ, EUGENE ADRIAN, US
[72] KREMER, MICHAEL PATRICK, US
[73] ECOLAB USA INC., US
[85] 2012-08-15
[86] 2011-03-28 (PCT/IB2011/051304)
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[51] **Int.Cl. A47J 31/36 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **CAPSULE CONTAINING A DOSE OF SUBSTANCE FOR MAKING A DRINK, AND METHOD FOR MAKING A DRINK USING THE CAPSULE**
[54] **CAPSULE CONTENANT UNE DOSE DE SUBSTANCE SERVANT A PREPARER UNE BOISSON ET PROCEDE DE PREPARATION D'UNE BOISSON A L'AIDE DE LA CAPSULE**
[72] DIGIUNI, PAOLO, CH
[73] CAFFITALY SYSTEM S.P.A., IT
[85] 2012-08-16
[86] 2011-03-07 (PCT/IB2011/050949)
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[51] **Int.Cl. C08L 95/00 (2006.01) B32B 27/28 (2006.01) H01L 51/46 (2006.01)**
[25] EN
[54] **ASPHALTENE COMPONENTS AS ORGANIC ELECTRONIC MATERIALS**
[54] **COMPOSANTS A BASE D'ASPHALTENE UTILISES COMME MATERIAUX ELECTRONIQUES ORGANIQUES**
[72] DILABIO, GINO A., CA
[72] MACKIE, IAIN, CA
[72] DETTMAN, HEATHER DIANE, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
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[30] US (61/282,996) 2010-05-05

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[51] **Int.Cl. G01V 1/36 (2006.01) G01V 1/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ATTENUATING ALIASING IN SEISMIC DATA CAUSED BY ACQUISITION GEOMETRY**
[54] **SYSTEME ET PROCEDE D'ATTENUATION DU CRENELAGE DANS DES DONNEES SISMIQUES PROVOQUEES PAR LA GEOMETRIE D'ACQUISITION**
[72] WANG, YUE, US
[73] CHEVRON U.S.A. INC., US
[85] 2012-08-21
[86] 2011-02-04 (PCT/US2011/023719)
[87] (WO2011/106141)
[30] US (12/712,450) 2010-02-25

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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR OBTAINING, IN PARTICULAR IN-SITU, A CARBONACEOUS SUBSTANCE FROM AN UNDERGROUND DEPOSIT**
[54] **DISPOSITIF ET PROCEDE D'EXTRACTION, NOTAMMENT D'EXTRACTION IN-SITU, D'UNE SUBSTANCE CARBONEE SITUEE DANS UN GISEMENT SOUTERRAIN**
[72] HUBER, NORBERT, DE
[72] DIEHL, DIRK, DE
[72] KOCH, ANDREAS, DE
[72] KOOLMAN, MICHAEL, DE
[72] TORLAK, MURIS, DE
[72] WACKER, BERND, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. A61F 5/00 (2006.01) A61F 13/00 (2006.01)**
[25] EN
[54] **DEVICES FOR TREATING MORBID OBESITY USING HYDROGEL**
[54] **DISPOSITIFS DE TRAITEMENT DE L'OBESITE MORBIDE A L'AIDE D'UN HYDROGEL**
[72] BURRELL, JANNA M., US
[72] BYRUM, RANDAL T., US
[72] KOCH, ROBERT L., JR., US
[72] POOL, LARRY D., US
[72] WIDENHOUSE, CHRISTOPHER W., US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **OXYGEN TRAINER DEVICE**
[54] **DISPOSITIF D'ENTRAINEMENT A OXYGENE**
[72] RUTTEN, BAS, US
[73] RUTTEN, BAS, US
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[51] **Int.Cl. B65D 5/468 (2006.01) B65D 5/20 (2006.01)**
[25] EN
[54] **STORAGE BOX HAVING INTEGRAL LID WITH CLOSURE FLAPS**
[54] **BOITE DE STOCKAGE AYANT UN COUVERCLE D'UN SEUL TENANT AVEC DES RABATS DE FERMETURE**
[72] BENIGNI, STEPHEN, US
[72] CONNOLLY, PAUL, US
[72] SWENSON, MATTHEW, US
[72] SOMMERLOT, MARK, US
[72] KLAUS, JERRY, US
[73] FELLOWES, INC., US
[85] 2012-08-27
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[25] EN
[54] **METHOD FOR PRODUCING SOLUBLE RECOMBINANT INTERFERON PROTEIN WITHOUT DENATURING**
[54] **PROCEDE POUR LA PRODUCTION DE LA PROTEINE INTERFERON RECOMBINANTE SOLUBLE SANS DENATURATION**
[72] ALLEN, JEFFREY, US
[72] FENG, PING-HUA, US
[72] PATKAR, ANANT, US
[72] HANEY, KEITH L., US
[72] CHEW, LAWRENCE, US
[72] SENGCHANTHALANGSY, LEI LEI PHOKHAM, US
[73] PFENEX INC., US
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[25] EN
[54] **SORTING MACHINE WITH ELECTRICAL ALTERNATORS IN SUPPORTING WHEELS**
[54] **MACHINE A TRIER DOTEE D'ALTERNATEURS ELECTRIQUES DANS LES ROUES DE SUPPORT**
[72] CHIEREGO, LORENZO, IT
[72] MACCHI, RICCARDO, IT
[72] SOLDAVINI, ATTILIO, IT
[73] CINETIC SORTING S.P.A., IT
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[25] EN
[54] **MODIFIED ANTIBODY COMPOSITION**
[54] **COMPOSITION D'ANTICORPS MODIFIE**
[72] NIWA, RINPEI, JP
[72] TSUCHIYA, MAMI, JP
[73] KYOWA HAKKO KIRIN CO., LTD., JP
[85] 2012-08-30
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[30] US (61/309631) 2010-03-02

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[25] EN
[54] **7,7-DIFLUOROPROSTAGLANDIN I2 DERIVATIVE FOR THE PROPHYLAXIS OR TREATMENT OF AN EP4 AGONIST AND MEDIATED DISEASE**
[54] **DERIVE DE 7,7-DIFLUOROPROSTAGLANDINE I2 DESTINE A LA PROPHYLAXIE OU AU TRAITEMENT DE L'AGONISTE EP4 ET DE MALADIE INDUITE**
[72] MURATA, TAKAHIKO, JP
[72] AMAKAWA, MASAHIRO, JP
[72] TERADAIRA, SHIN, JP
[72] MATSUMURA, YASUSHI, JP
[72] KONISHI, KATSUHIKO, JP
[73] KAKEN PHARMACEUTICAL CO., LTD., JP
[73] ASAHI GLASS COMPANY, LIMITED, JP
[85] 2012-09-06
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[30] JP (2010-051127) 2010-03-08
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[25] EN
[54] **COATING WITH ANTIMICROBIAL AGENTS**
[54] **REVETEMENT CONTENANT DES AGENTS ANTIMICROBIENS**
[72] BERG, ERIC P., US
[72] STELLA, RITA, GB
[73] MENTOR WORLDWIDE LLC, US
[85] 2012-09-07
[86] 2011-03-04 (PCT/US2011/027122)
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[30] US (12/723,580) 2010-03-12

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[54] **EGALISATION AUTOMATIQUE D'IMAGE POUR LES SYSTEMES DE CAMERA VIDEO PANORAMIQUE**
[72] ROTTNER, GUNTER, US
[72] SEJALON, FREDERIC MARCEL, US
[72] BOCHENEK, JEFFREY, US
[73] ROBERT BOSCH GMBH, DE
[86] (2792562)
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[54] **PRODUIT LAITIER RETICULE**
[72] CAROEE, CHRISTINA, DK
[72] KRISTENSEN, JENS JOERGEN SOEGAARD, DK
[72] KOEBKE, KATHERINE, DK
[72] JENSEN, KLAUS JUHL, DK
[72] KNUDSEN, LISBET BJERRE, DK
[73] ARLA FOODS AMBA, DK
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[25] EN
[54] **METHODS AND APPARATUS FOR SEARCHING A MESSAGE STORE**
[54] **METHODE ET DISPOSITIF DE RECHERCHE D'UNE MEMOIRE DE MESSAGES**
[72] STOVICEK, THOMAS JAN, US
[72] DEL PASQUA, KIERAN CLOUD, CA
[73] BLACKBERRY LIMITED, CA
[86] (2792765)
[87] (2792765)
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[25] EN
[54] **CONTAINER HAVING AN OXYGEN SCAVENGING INDICATION SYSTEM**
[54] **CONTENANT PRESENTANT UN SYSTEME D'INDICATION DE PIEGEAGE D'OXYGENE**
[72] OFFORD, DAVID, US
[72] BRACE, JOHN G., US
[73] AMCOR GROUP GMBH, CH
[85] 2012-09-11
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[25] FR
[54] **METHOD OF JOINING PARTS MADE OF SIC-BASED MATERIALS BY NON-REACTIVE BRAZING, BRAZING COMPOSITIONS AND JOINT AND ASSEMBLY THAT ARE OBTAINED BY THIS METHOD**
[54] **PROCEDE D'ASSEMBLAGE DE PIECES EN MATERIAUX A BASE DE SIC PAR BRASAGE NON-REACTIF, COMPOSITIONS DE BRASURE, ET JOINT ET ASSEMBLAGE OBTENUS PAR CE PROCEDE**
[72] CHAUMAT, VALERIE, FR
[72] HENNE, JEAN-FRANCOIS, FR
[72] MILOUD-ALI, NADIA, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **MULTI-PIECE DISPENSER FOR USE WITH A CONSUMABLE PRODUCT**
[54] **DISTRIBUTEUR PAR LOT DESTINE A ETRE UTILISE AVEC UN PRODUIT CONSOMMABLE**
[72] POURIAN, NEEMA, US
[72] MISHRA, SHASHI, IN
[72] PALIT, ATANU, IN
[72] VIBHUTE, VINOD, IN
[72] SINGH, VIJENDER, IN
[72] PHILLIPS, DAVID, US
[72] PENTELOVITCH, NOAH, US
[73] WM. WRIGLEY JR. COMPANY, US
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[54] **ON-BOARD RESCUE DEVICE FOR A SHIP**
[54] **DISPOSITIF DE SAUVETAGE EMBARQUE SUR NAVIRE**
[72] MICHAUD, PASCAL, FR
[72] FOURNY, SEBASTIEN, FR
[72] DRONNE, CEDRIC, FR
[73] SURVITEC SAS, FR
[85] 2012-09-17
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[54] **IMMUNOESSAIS, PROCEDES PERMETTANT DE REALISER DES IMMUNOESSAIS, KITS D'IMMUNOESSAI ET PROCEDES DE FABRICATION DE KITS D'IMMUNOESSAI**
[72] EDWARDS, ALEXANDER DANIEL, GB
[72] REIS, NUNO MIGUEL FERNANDES, GB
[72] MACKLEY, MALCOLM ROBERT, GB
[72] SLATER, NIGEL KENNETH HARRY, GB
[73] CAMBRIDGE ENTERPRISE LIMITED, GB
[85] 2012-09-21
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[25] EN
[54] **DERIVATIVES OF 1-AMINO-2-CYCLOPROPYLETHYLBORONIC ACID**
[54] **DERIVES D'ACIDE 1-AMINO-2-CYCLOPROPYLETHYLBORONIQUE**
[72] FLEMING, PAUL E., US
[72] LI, JING, US
[73] MILLENNIUM PHARMACEUTICALS, INC., US
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[25] EN
[54] **METHOD FOR TRANSFERRING DATA AND INFORMATION ENABLING AN ESTIMATE OF A WIRELESS LINK BETWEEN A SOURCE AND AT LEAST ONE RECEIVER**
[54] **PROCEDE DE TRANSFERT DE DONNEES ET D'INFORMATIONS PERMETTANT UNE ESTIMATION D'UNE LIAISON SANS FIL ENTRE UNE SOURCE ET AU MOINS UN RECEPTEUR**
[72] CASTELAIN, DAMIEN, FR
[73] MITSUBISHI ELECTRIC R&D CENTRE EUROPE B.V., NL
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2012-09-25
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[25] EN
[54] **SOLID CHEMICAL PRODUCT DILUTION CONTROL**
[54] **REGULATION DE LA DILUTION D'UN PRODUIT CHIMIQUE SOLIDE**
[72] POPA, MIHNEA A., US
[72] MEHUS, RICHARD J., US
[72] KRAUS, PAUL R., US
[72] TISCHLER, SHERRI L., US
[72] OTTING, BLAKE ROBERTS, US
[73] ECOLAB USA INC., US
[85] 2012-09-25
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[25] EN
[54] **METHODS OF USING DIACEREIN AS AN ADJUNCTIVE THERAPY FOR DIABETES**
[54] **METHODES D'UTILISATION DE LA DIACEREINE COMME TRAITEMENT D'APPOINT DU DIABETE**
[72] KU, MANNCHING SHERRY, US
[72] GAO, DANCHEN, US
[72] LU, WEI-SHU, TW
[72] CHEN, CHIH-MING, TW
[72] LIN, I-YIN, TW
[73] TWI BIOTECHNOLOGY, INC., TW
[85] 2012-09-25
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[25] FR
[54] **METHOD FOR ADAPTING THE AIR FLOW OF A TURBINE ENGINE HAVING A CENTRIFUGAL COMPRESSOR AND DIFFUSER FOR IMPLEMENTING SAME**
[54] **PROCEDE D'ADAPTATION DE DEBIT D'AIR DE TURBOMACHINE A COMPRESSEUR CENTRIFUGE ET DIFFUSEUR DE MISE EN OEUVRE**
[72] BISCAY, PIERRE, FR
[72] MARCONI, PATRICK, FR
[72] VIGNAU, HUBERT HIPPOLYTE, FR
[73] TURBOMECA, FR
[85] 2012-09-27
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[54] **RAIL DE PONT ROULANT A TREILLIS INCLINE**
[72] GIVENS, RAY, CA
[73] GIVENS, RAY, CA
[85] 2012-09-27
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[25] EN
[54] **CONTROL SURFACE ELEMENT SKEW AND / OR LOSS DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION D'OBLIQUITE ET / OU D'AFFAIBLISSEMENT D'UN ELEMENT A SURFACE DE COMMANDE**
[72] THOMAS, GLYNN, GB
[73] MOOG WOLVERHAMPTON LIMITED, GB
[85] 2012-10-04
[86] 2011-03-23 (PCT/GB2011/050573)
[87] (WO2011/124904)
[30] GB (1005966.5) 2010-04-09

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[25] EN
[54] **AMORPHOUS ROXITHROMYCIN COMPOSITION**
[54] **COMPOSITION DE ROXITHROMYCINE AMORPHE**
[72] LIEBENBERG, WILNA, ZA
[72] AUCAMP, MARIQUE, ZA
[73] NORTH-WEST UNIVERSITY, ZA
[85] 2012-10-04
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[25] EN
[54] **COMPOSITIONS INCLUDING DELIVERY PARTICLES COMPRISING PARTITIONING MODIFIERS AND BENEFIT AGENTS**
[54] **COMPOSITIONS COMPORTANT DES PARTICULES D'ADMINISTRATION COMPRENANT DES MODIFICATEURS DE FRACTIONNEMENT ET DES AGENTS TRAITANTS**
[72] DIHORA, JITEN ODHAVJI, US
[72] SMETS, JOHAN, BE
[72] SCHWANTES, TODD ARLIN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2012-10-04
[86] 2010-05-12 (PCT/IB2010/052127)
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[30] US (61/328,949) 2010-04-28

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[51] **Int.Cl. A61C 19/06 (2006.01) A61C 7/00 (2006.01) A61N 7/00 (2006.01)**
[25] EN
[54] **ULTRASONIC METHODS AND DEVICES FOR DENTAL TREATMENT**
[54] **PROCEDES ET DISPOSITIFS ULTRASONORES POUR TRAITEMENT DENTAIRE**
[72] SCURTESCU, CRISTIAN, CA
[73] SMILESONICA INC., CA
[85] 2012-10-05
[86] 2011-04-29 (PCT/CA2011/000498)
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[30] US (61/330,235) 2010-04-30

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[25] EN
[54] **SHIPPING PALLET POST REINFORCEMENT**
[54] **RENFORCEMENT DE MONTANTS DE PALETTE D'EXPEDITION**
[72] SKUDUTIS, TOMMY J., CA
[72] GRGAC, STEVEN, CA
[73] MAGNA INTERNATIONAL INC., CA
[85] 2012-10-05
[86] 2011-04-07 (PCT/IB2011/001177)
[87] (WO2011/135453)
[30] US (61/342,044) 2010-04-08

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[25] EN
[54] **PAPER MAKING PROCESSES AND SYSTEM USING ENZYME AND CATIONIC COAGULANT COMBINATION**
[54] **PROCEDE DE FABRICATION DE PAPIER ET SYSTEME UTILISANT UNE COMBINAISON D'ENZYME ET DE COAGULANT CATIONIQUE**
[72] BAN, WEIPING, US
[72] HEADRICK, GARY, US
[72] COVARRUBIAS, ROSA M., US
[73] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
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[86] 2011-04-14 (PCT/US2011/032475)
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[51] **Int.Cl. A61M 37/00 (2006.01) A61M 5/158 (2006.01)**
[25] EN
[54] **DEVICE FOR DELIVERY OF RHEUMATOID ARTHRITIS MEDICATION**
[54] **DISPOSITIF POUR ADMINISTRER UN MEDICAMENT CONTRE L'ARTHRITE RHUMATOIDE**
[72] ROSS, RUSSELL FREDERICK, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2012-10-23
[86] 2011-04-27 (PCT/IB2011/051861)
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[30] US (61/328,723) 2010-04-28
[30] US (61/411,101) 2010-11-08
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[51] **Int.Cl. F23D 14/04 (2006.01) F23D 14/26 (2006.01) F23D 14/56 (2006.01) F23D 14/58 (2006.01)**
[25] EN
[54] **MULTIFLAME BURNER WITH FLAME TRANSFER**
[54] **BRULEUR MULTI-FLAMME A TRANSMISSION DE FLAMME**
[72] IMGRUNDT, ANTON, DE
[72] STOCKER, JOHANN, DE
[73] LINDE AKTIENGESELLSCHAFT, DE
[85] 2012-10-25
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[30] DE (10 2010 028 396.7) 2010-04-29

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[25] EN
[54] **LAMINATED FOAMS WITH MATING PEAKS AND GROOVES**
[54] **MOUSSES STRATIFIEES AVEC PICS ET RAINURES DE COUPLAGE**
[72] GORDON-DUFFY, JOHN, CH
[72] BORGWARDT, ANETT, CH
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **NITROSYL SPECIAL CONNECTOR**
[54] **RACCORD SPECIFIQUE DU NITROSYLE**
[72] FULLER, JODY, US
[72] FINE, DAVID H., US
[73] GENO LLC, US
[85] 2012-10-26
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[25] EN
[54] **METHOD OF MANUFACTURING A LITHIUM TRANSITION METAL PHOSPHATE**
[54] **PROCEDE POUR LA FABRICATION D'UN LITHIUM-METAL DE TRANSITION-PHOSPHATE**
[72] KIM, CHUN JOONG, KR
[72] PARK, YUN JUNG, KR
[72] CHANG, DONG GYU, KR
[72] PARK, JI HO, KR
[72] YANG, WOO YOUNG, KR
[73] SAMSUNG SDI CO., LTD., KR
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[25] EN
[54] **CORD TENSION CONTROL FOR TOP DOWN/BOTTOM UP COVERING FOR ARCHITECTURAL OPENINGS**
[54] **COMMANDE DE TENSION DE CORDON POUR UNE COUVERTURE DE HAUT EN BAS/DE BAS EN HAUT POUR DES OUVERTURES ARCHITECTURALES**
[72] DREW, TERRENCE M., US
[72] FEARNOW, JON C., US
[72] SPRAY, JEFFREY L., US
[72] FUJITA, SUZANNE M., US
[73] HUNTER DOUGLAS INC., US
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[25] EN
[54] **NON-CYLINDRICAL-SHAPED OPENINGS INTO NOZZLE HEAD**
[54] **TETE A BUSES POUR UN DISPOSITIF DE PULVERISATION**
[72] SCHIMON, EWALD, DE
[72] DETTLAFF, PETER, DE
[73] SATA GMBH & CO. KG, DE
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[30] DE (20 2010 007 355.3) 2010-05-28

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[25] EN
[54] **REDUCED CALORIE AND SUGAR-FREE COATING FOR FOOD PRODUCTS COMPRISING ERYTHRITOL AND A BULKING AGENT**
[54] **ENROBAGE EXEMPT DE SUCRE ET HYPOCALORIQUE POUR PRODUITS ALIMENTAIRES COMPRENANT DE L'ERYTHRITOL ET UN AGENT GONFLANT**
[72] ALEXANDRE, BEN, BE
[72] VAN HAVERE, MARTINE M. R., BE
[72] VERCAUTEREN, RONNY LEONTINA MARCEL, BE
[73] CARGILL INCORPORATED, US
[85] 2012-11-01
[86] 2011-05-02 (PCT/US2011/034770)
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[30] US (61/330,746) 2010-05-03

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[25] EN
[54] **LASER CUTTING SYSTEM AND METHODS FOR CREATING SELF-RETAINING SUTURES**
[54] **SYSTEME DE DECOUPE PAR LASER ET PROCEDES DE CREATION DE SUTURES AUTORETENTIVES**
[72] GROSS, JEFFREY M., US
[72] D'AGOSTINO, WILLIAM L., US
[72] DRUBETSKY, LEV, CA
[72] NAIMAGON, ALEXANDER, CA
[72] CONNER, JACOB D., US
[72] WHITWORTH, KEVIN R., US
[72] WOOLSEY, RYAN T., US
[72] DICKEY, FRED M., US
[73] ETHICON, LLC, US
[85] 2012-11-02
[86] 2011-05-04 (PCT/US2011/035270)
[87] (WO2011/140282)
[30] US (61/331,302) 2010-05-04
[30] US (61/331,294) 2010-05-04

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[25] EN
[54] **LOCALISED ENERGY CONCENTRATION**
[54] **CONCENTRATION LOCALISEE D'ENERGIE**
[72] VENTIKOS, YIANNIS, GB
[72] HAWKER, NICHOLAS, GB
[73] OXFORD UNIVERSITY INNOVATION LIMITED, GB
[85] 2012-11-06
[86] 2011-05-09 (PCT/GB2011/050889)
[87] (WO2011/138622)
[30] GB (1007655.2) 2010-05-07

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[25] EN
[54] **FREENESS OF PAPER PRODUCTS**
[54] **INDICE D'EGOUTTAGE DE PRODUITS PAPETIERS**
[72] HAGE, RONALD, NL
[72] YANG, KIMBERLY SORAYA, NL
[73] CATEXEL LIMITED, GB
[85] 2012-11-08
[86] 2011-05-09 (PCT/GB2011/000709)
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[54] **COMPOSES POLYCYCLIQUES DE TETRACYCLINE**
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[72] CLARK, ROGER, US
[72] HUNT, DIANA, US
[72] RONN, MAGNUS, US
[72] PLAMONDON, LOUIS, US
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[54] **SYSTEME DE COMMANDE ET PROCEDE D'UTILISATION POUR REGULER LES CONCENTRATIONS DANS UNE EAU ELECTROLYSEE DANS DES APPLICATIONS CIP**
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[72] RYTHER, ROBERT, US
[73] ECOLAB USA INC., US
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[54] **CATALYSEUR DE CRAQUAGE, ADDITIFS, LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] EVANS, MARTIN, US
[72] FLETCHER, RAY, US
[72] ALLAHVERDI, MEDHI, US
[72] ARU, GUIDO, US
[72] DIDDAMS, PAUL, CZ
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[54] **COMPOSITONS ANTIOXYDANTES RENFERMANT DU GALACTOMANNAN ET DE LA N-ACETYLCYSTEINE**
[72] CASTRO FEO, MARIA BEGONA, ES
[72] AZCOITIA RAMSDEN, IKER, ES
[72] PALOMARES CASADO, TEODORO, ES
[72] HERRERO DE MIGUEL, JONE, ES
[72] ALONSO VARONA, ANA ISABEL, ES
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[54] **APPAREIL ET PROCEDE DE PULVERISATION ELECTROSTATIQUE**
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[72] HERFINDAL, LARRY L., US
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[54] **PROCEDE POUR LA PRODUCTION DE BIOCARBURANT**
[72] LARSEN, TOMMY FREDERIK, DK
[72] ANDERSEN, ERIK ROSE, DK
[72] HJORTSHOJ, ANDERS, DK
[73] ORGANIC FUEL TECHNOLOGY A/S, DK
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[73] AUTOMATIC COATING LIMITED, CA
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[72] EARTHMAN, JAMES, US
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[73] PERIMETRICS, LLC, US
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[72] VELADA, JOSE, NL
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[73] LABORATORIOS LEON FARMA SA, ES
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[54] **SYSTEMES ET APPAREIL DE PROTECTION DE CONDUIT SOUTERRAIN ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
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[54] **PROCEDE DE REGLAGE DES TRAPPES DE CASE DE TRAIN D'ATTERRISSAGE ET TRAPPE DE MISE EN OEUVRE**
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[54] **PROCEDE DE FABRICATION D'EDULCORANTS NATURELS DE SACCHAROSE-POLYOL CO-CRISTALLISES ET PRODUITS ASSOCIES**
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[72] GERDES, DARRELL, US
[72] RESCH, ROXANNE, US
[72] RATHKE, THOMAS, US
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[54] **FORME GALENIQUE PHARMACEUTIQUE COMPRENANT 6'-FLUORO-(N-METHYL- OR N,N-DIMETHYL-)-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO[CYCLOHEXANE-1,1'-PYRANO[3,4,B]INDOL]-4-AMINE POUR LE TRAITEMENT DE LA DOULEUR NOCICEPTIVE**
[72] GRUENING, NADJA, DE
[72] SCHILLER, MARC, DE
[72] FRIEDRICH, INGO, DE
[72] KIRBY, CHRIS, GB
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[54] **COMPOSITION SOUS FORME D'EMULSION, COMPRENANT UNE PHASE HYDROPHOBE DISPERSEE DANS UNE PHASE AQUEUSE**
[72] CATHALA, BERNARD, FR
[72] CAPRON, ISABELLE, FR
[72] BIZOT, HERVE, FR
[72] BULEON, ALAIN, FR
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[54] **COMPOSITION ET PROCEDE DE DESINFECTION PHOTODYNAMIQUE**
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[73] ADVANCED PHOTODYNAMIC TECHNOLOGIES, INC., US
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[72] VAGHELA, MADANSINH NATHUSINH, US
[72] BUTTERWORTH, AARON BETH, US
[72] PANDYA, NIRAV CHANDRAKANT, US
[72] MCCUNE, BRIDGETT LYNN, US
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[72] SAIKALI, JOUMANA, FR
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[54] **NOUVEAUX CAPTEURS ULTRASENSIBLES A BASE DE CELLULES ET LEURS UTILISATIONS**
[72] PAZ ROJAS, ELIER, ES
[72] MONTERO-PENALVO, MARIA DE GRACIAS, ES
[72] LUNA GUERRERO, VERONICA INMACULADA, ES
[72] GARCIA MACEIRA, FE ISABEL, ES
[72] MORALES MARTINEZ, JOSE ANDRES, ES
[72] GARCIA MACEIRA, TANIA, ES
[72] ARAGON GOMEZ, ANA BELEN, ES
[72] QUESADA MOLINA, ANA, ES
[72] MARQUEZ MORALES, AURORA MARIA, ES
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[54] **APPAREIL ET PROCEDE POUR TESTER DE MULTIPLES ECHANTILLONS**
[72] COLLINS, IAN RALPH, GB
[72] COUVES, JOHN WILLIAM, GB
[72] GAGEA, BOGDAN COSTIN, GB
[72] LAGER, ARNAUD, GB
[72] WEBB, KEVIN JOHN, GB
[73] BP EXPLORATION OPERATING COMPANY LIMITED, GB
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[54] **MODULE DE BRAS MANIPULATEUR**
[72] BAKIR, AHMAD KAMAL, CA
[73] JOMHA, NAJIB, CA
[73] BAKIR, AHMAD KAMAL, CA
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[54] **METHODE DE CODAGE VIDEO, METHODE DE DECODAGE VIDEO, APPAREIL DE CODAGE VIDEO, APPAREIL DE DECODAGE VIDEO ET APPAREIL DE CODAGE/DECODAGE VIDEO**
[72] SASAI, HISAO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[72] TANIKAWA, KYOKO, JP
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[73] SUN PATENT TRUST, US
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[54] **PROCEDE AMELIORE D'ECONOMIE D'ENERGIE POUR LES APPAREILS MUNIS DE MASSES EN ROTATION OU EFFECTUANT UN MOUVEMENT DE VA-ET-VIENT**
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[72] SELMANI, AMINE, CA
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[73] GOOGLE LLC, US
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[72] TAKAHASHI, TATSUHISA, JP
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[54] **PROCEDE ET DISPOSITIF DE STOCKAGE D'UN FLUIDE CRYOGENIQUE ADAPTES AUX SOLS COMPRENANT DU PERGELISOL**
[72] COLLET, PASCAL, FR
[73] TOTAL SA, FR
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[72] GRISWOLD, CHAUNCEY W., US
[72] SILVA, GREGORY A., US
[72] FRANICH, MATTHEW A., US
[72] EMSLIE, JAMES STEPHEN, US
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[72] MORELLI, ROBERTO, IT
[72] MONTAGNANI, FRANCO, IT
[72] MADDALENI, ROMANO, IT
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[54] **DISPOSITIF IMPLANTE DE TRACTION DE LA LANGUE, PLAQUE DE TRACTION, LIGNES DE TRACTION, DISPOSITIF DE TRACTION ET SON PROCEDE D'UTILISATION**
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[73] SYSTEM S.P.A., IT
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[54] **METHOD AND APPARATUS FOR AVOIDING IN-DEVICE COEXISTENCE INTERFERENCE**
[54] **PROCEDE ET DISPOSITIF POUR EVITER UN BROUILLAGE DE COEXISTENCE DANS UN DISPOSITIF**
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[72] CAI, ZHIJUN, US
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[72] DAMAZIO-COELHO, KEFAS, CH
[72] LUESCHER, MATTHIAS, CH
[72] APELDOORN, OSCAR, CH
[72] BERNER, THOMAS, DE
[73] ABB SCHWEIZ AG, CH
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[54] **METHODE ET APPAREIL DE COLLECTE DE DEBRIS**
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[54] **COMPOSITION TOPIQUE PHARMACEUTIQUE DE MUPIROCINE**
[72] GONZALEZ OJER, CARLOS, ES
[72] GONI ALLO, BEATRIZ, ES
[72] PASTOR FERNANDEZ, FIONA, ES
[72] YARNOZ DE MIGUEL, CAYETANA, ES
[73] LABORATORIOS OJER PHARMA S.L., ES
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[54] **PROCEDE DE REALISATION D'OPERATIONS N'AFFECTANT PAS LA FORME AU COURS DE LA MISE EN FORME D'UN RECIPIENT**
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[72] BIONDICH, SCOTT, US
[72] ESPINEL, R. KARINA, US
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[54] **PROCEDE DE FABRICATION D'ARTICLES D'ORIGINE VEGETALE IMPREGNES DE SUBSTANCE LIQUIDE VEGETALE**
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[73] SCHWEITZER-MAUDUIT INTERNATIONAL, INC., US
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[54] **DISPOSITIF POUR LE POSITIONNEMENT D'EMBALLAGES-PORTIONS**
[72] ASPGREN, THOM, SE
[72] LOFMAN, LARS-OLOF, SE
[72] ERIKSSON, DENNIS, SE
[72] LARSSON, TOMAS, SE
[73] SWEDISH MATCH NORTH EUROPE AB, SE
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[72] ASPGREN, THOM, SE
[72] ERIKSSON, DENNIS, SE
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[73] SWEDISH MATCH NORTH EUROPE AB, SE
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[72] BHAVE, AJAY, US
[72] KAO, CHIH-PIN, US
[72] BACHHUBER, EMERON, US
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[54] **PROCEDE ET DISPOSITIF DE CLARIFICATION DES EAUX**
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[72] LOPEZ, MICHEL, FR
[72] GENDROT, PASCAL, FR
[73] OREGE, FR
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[72] KUNEMAN, MICHAEL, US
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[54] **PROTECTION CONTRE LES ECOUTES PASSIVES**
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[72] LE, THANH HA, FR
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[72] RASMUSSEN, CLAUS DALLERUP, DK
[72] GOCZKOWSKI, JAKUB ZYGMUNT, DK
[73] HOLLISTER INCORPORATED, US
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[72] DUAN, DANIEL C., US
[72] RENDON, STANLEY, US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[72] KOJIMA, TETSUO, JP
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[54] **SYSTEME DE TRANSPORT AUTONOME POUR FOND DE PUITS**
[72] DALE, BRUCE A., US
[72] TOLMAN, RANDY C., US
[72] ENTCHEV, PAVLIN B., US
[72] ANGELES-BOZA, RENZO M., US
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[72] VELA-HERNANDEZ, JOSE MIGUEL, ES
[72] PLATA-SALAMAN, CARLOS, ES
[73] LABORATORIOS DEL DR. ESTEVE, S.A., ES
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[54] **METHODE D'INVERSION DE LA SUPPRESSION IMMUNITAIRE DES CELLULES DE LANGERHANS**
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[73] IRX THERAPEUTICS, INC., US
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[54] **CHAMBER FOR A BLOOD TREATMENT SYSTEM, USE OF THE CHAMBER, BLOOD TUBING SYSTEM AND BLOOD TREATMENT SYSTEM**
[54] **CHAMBRE POUR UN SYSTEME DE TRAITEMENT DE SANG, UTILISATION DE LA CHAMBRE, SYSTEME DE FLEXIBLE POUR SANG ET SYSTEME DE TRAITEMENT DE SANG**
[72] REITER, REINHOLD, IT
[72] STABILINI, PAOLO, IT
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[72] COOK, BRUCE M., US
[73] WESTINGHOUSE ELECTRIC COMPANY LLC, US
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[54] **AMIDES D'AMINOINDANES PRESENTANT UNE FORTE ACTIVITE FONGICIDE ET LEURS COMPOSITIONS PHYTOSANITAIRES**
[72] VENTURINI, ISABELLA, IT
[72] VAZZOLA, MATTEO SANTINO, IT
[72] SINANI, ENTELA, IT
[72] PELLACINI, FRANCO, IT
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[54] **PROCESSING DATA OF A USER PERFORMING AN ATHLETIC ACTIVITY TO ESTIMATE ENERGY EXPENDITURE**
[54] **TRAITEMENT DE DONNEES D'UN UTILISATEUR EFFECTUANT UNE ACTIVITE ATHLETIQUE POUR ESTIMER SA DEPENSE ENERGETIQUE**
[72] ARAGONES, TERESA, US
[72] SELF, CHRISTINA, US
[72] WALLING, WILLOUGHBY, US
[72] NORTHCOTT, GEOFF, US
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[54] **VANNE TUBULAIRE DE COMMANDE D'UN MOTEUR A RAPPORT VOLUMETRIQUE VARIABLE**
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[72] WALDMAN, LAWRENCE, US
[72] DER, SHERMAN, US
[72] CHENG, KAREN, US
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[72] TARRAGO, ARNAUD, FR
[72] NGUYEN, PIERRE, FR
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[54] **FORMULATIONS CONTENANT DE L'AMINE POUR LA FLOTTATION INVERSE PAR ECUMAGE DE SILICATES PROVENANT DE MINERAI DE FER**
[72] GUSTAFSSON, JAN OLOF, SE
[72] JUBERG, MALIN, SE
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[54] **MODULE D'ACCESSOIRE PRODUISANT UNE INTERFACE DE VERROUILLAGE MUTUEL SELECTIVE VIS-A-VIS DE LA ZONE EXTERNE A UN BLOC DECLENCHEUR, ET SYSTEME ET COUPE-CIRCUIT LE COMPRENANT**
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[73] ENSIGHTEN, INC., US
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[54] **STRUCTURE D'ANTENNE DOUBLE AYANT DES CARACTERISTIQUES DE POLARISATION CIRCULAIRE**
[72] BELLICI, DEVIS, GB
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **ENREGISTREMENT DE SYSTEME DE COORDONNEES DE PLAQUE DE MICROSCOPE**
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[72] NARROSCHKE, MATTHIAS, DE
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[72] ESENLIK, SEMIH, DE
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[54] **DISPOSITIF DE COMPRESSION DE FLUIDE GAZEUX**
[72] JOFFROY, JEAN-MARC, FR
[73] BOOSTHEAT, FR
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[54] **PROCEDE DE CODAGE D'IMAGES, PROCEDE DE DECODAGE D'IMAGES, DISPOSITIF DE CODAGE D'IMAGES, DISPOSITIF DE DECODAGE D'IMAGES ET DISPOSITIF DE CODAGE/ DECODAGE D'IMAGES**
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[72] LIM, CHONG SOON, SG
[72] NAING, SUE MON THET, SG
[72] SUN, HAI WEI, SG
[72] NISHI, TAKAHIRO, JP
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[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
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[72] MIZUTANI, MOTOFUMI, JP
[72] KOIZUKI, YUMIKO, JP
[72] OWAKI, MAKI, JP
[72] TAKAISHI, MASANAO, JP
[72] SOMA, MASATO, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **GRANULES DE DIOXYDE DE SILICIUM DE HAUTE PURETE POUR APPLICATIONS DE VERRE DE QUARTZ AINSI QUE PROCEDE DE PRODUCTION DESDITS GRANULES DE DIOXYDE DE SILICIUM**
[72] PANZ, CHRISTIAN, DE
[72] TITZ, GUIDO, DE
[72] MULLER, SVEN, DE
[72] RUF, MARKUS, DE
[72] FRINGS, HODO, DE
[72] RAULEDER, HARTWIG, DE
[72] BEHNISCH, JURGEN, DE
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[54] **OUTIL DE COUPE DE FIBRE OPTIQUE**
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[72] TOYOOKA, HIROYASU, JP
[72] NAKAMURA, HIROSHI, JP
[73] SEI OPTIFRONTIER CO., LTD., JP
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[54] **DISPOSITIF D'OBTURATION A VERROUILLAGE AUTO-ACTIVABLE**
[72] MARC, DAMIEN JACKY, FR
[73] JPB SYSTEME, FR
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[25] FR
[54] **SEALING RING FOR A TURBINE STAGE OF AN AIRCRAFT TURBOMACHINE, COMPRISING SLOTTED ANTI-ROTATION PEGS**
[54] **FLASQUE D'ETANCHEITE POUR ETAGE DE TURBINE DE TURBOMACHINE D'AERONEF, COMPRENANT DES TENONS ANTI-ROTATION FENDUS**
[72] POUZET, EMILIE, FR
[72] CASALIGGI, PASCAL, FR
[72] PASQUIET, DIDIER, FR
[73] SNECMA, FR
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[54] **PYRIDO[3,4-B]INDOLYL COMPOUNDS FOR TREATMENT OF METABOLIC SYNDROME**
[54] **COMPOSES DE PYRIDO[3,4-B]INDOLYL DESTINES AU TRAITEMENT DE SYNDROME METABOLIQUE**
[72] AGRUDA NAVAJAS, JUAN CARLOS, ES
[72] MIKIO KASSUYA, ROBERTO, ES
[73] SJT MOLECULAR RESEARCH, S.L., ES
[85] 2013-09-27
[86] 2012-03-28 (PCT/EP2012/055570)
[87] (WO2012/130912)
[30] US (61/468,163) 2011-03-28

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[54] **NERVE LOCATOR**
[54] **LOCALISATEUR DE NERFS**
[72] TUCKER, ARTHUR, GB
[72] HAIN, DUNCAN, GB
[73] SKY MEDICAL TECHNOLOGY LIMITED, GB
[85] 2013-09-13
[86] 2012-03-27 (PCT/GB2012/050677)
[87] (WO2012/131357)
[30] GB (1105432.7) 2011-03-31

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[51] **Int.Cl. E06B 3/98 (2006.01)**
[25] EN
[54] **SCREEN CORNER ATTACHMENT**
[54] **ATTACHE D'ANGLE DE MOUSTIQUAIRE**
[72] MASSEY, VICTOR, US
[73] MILGARD MANUFACTURING INCORPORATED, US
[86] (2832539)
[87] (2832539)
[22] 2013-11-12
[30] US (13/724,687) 2012-12-21

[11] **2,832,682**
[13] C
[51] **Int.Cl. C30B 30/02 (2006.01) C01B 32/20 (2017.01) C01B 32/225 (2017.01) C01B 35/08 (2006.01) C01G 31/02 (2006.01) C01G 39/06 (2006.01) C01G 41/00 (2006.01) C30B 29/68 (2006.01)**
[25] EN
[54] **PROCESS FOR FORMING EXPANDED HEXAGONAL LAYERED MINERALS AND DERIVATIVES USING ELECTROCHEMICAL CHARGING**
[54] **PROCEDE POUR LA FORMATION DE MATIERES MINERALES LAMELLAIRES HEXAGONALES EXPANSEES ET DERIVES DE CELLES-CI A L'AIDE D'UN CHARGEMENT ELECTROCHIMIQUE**
[72] LOH, KIAN PING, SG
[72] WANG, JUNZHONG, SG
[72] CHIU, GORDON, US
[73] NATIONAL UNIVERSITY OF SINGAPORE, SG
[85] 2013-10-08
[86] 2012-11-22 (PCT/SG2012/000440)
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[25] EN
[54] **METHOD AND APPARATUS FOR SUSPENDING DUCT BY INSERTED CORNER MEMBERS**
[54] **PROCEDE ET APPAREIL DE SUSPENSION D'UNE GAINE PAR DES ELEMENTS D'ANGLE INSERES**
[72] CARSON, JEFFREY KENNETH, CA
[73] JBT STEEL INDUSTRIES INC., CA
[85] 2013-10-22
[86] 2012-04-20 (PCT/CA2012/000370)
[87] (WO2012/142700)
[30] US (61/478,300) 2011-04-22
[30] US (13/168,637) 2011-06-24

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[25] EN
[54] **A NEW DUAL-LAYER LEAK-PROOF BALL AND THE MANUFACTURING METHOD THEREOF**
[54] **UNE NOUVELLE BALLE A DOUBLE COUCHE A L'EPREUVE DES FUITES ET METHODE DE FABRICATION ASSOCIEE**
[72] LIN, JUNNAN, CN
[73] RUSSELL BRANDS, LLC, US
[85] 2013-10-30
[86] 2012-02-29 (PCT/CN2012/071785)
[87] (WO2012/130011)
[30] CN (201120092709.0) 2011-03-25

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[25] EN
[54] **DISPENSING CABINET WITH ARTICULATING ARM**
[54] **ARMOIRE DE DISTRIBUTION A BRAS D'ARTICULATION**
[72] PAYDAR, AKBAR, US
[72] KIM, STANLEY, US
[72] RICHARDSON, CHRIS, US
[72] FOOT, JOHN, US
[72] AMINI, MAHMOUD, US
[72] MORITA, STUART, US
[73] OMNICELL, INC., US
[85] 2013-10-30
[86] 2012-05-02 (PCT/US2012/036148)
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[30] US (61/481,577) 2011-05-02
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[51] **Int.Cl. C07J 7/00 (2006.01) A61K 31/57 (2006.01) A61K 31/573 (2006.01)**
[25] EN
[54] **ANTAGONISTS OF CB1 RECEPTOR**
[54] **ANTAGONISTES DU RECEPTEUR CB1**
[72] PIAZZA, PIER VINCENZO, FR
[72] VALLEE, MONIQUE, FR
[72] MARSICANO, GIOVANNI, FR
[72] FELPIN, FRANCOIS-XAVIER, FR
[72] BELLOCCHIO, LUIGI, FR
[72] COTA, DANIELA, FR
[72] REVEST, JEAN-MICHEL, FR
[72] VITIELLO, SERGIO, FR
[72] SPAMPINATO, UMBERTO, FR
[72] MALDONADO, RAFAEL, ES
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[73] UNIVERSITE DE BORDEAUX, FR
[85] 2013-11-19
[86] 2012-05-18 (PCT/EP2012/059310)
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[51] **Int.Cl. B01D 17/022 (2006.01)**
[25] EN
[54] **SYNTHETIC BUBBLES OR BEADS HAVING HYDROPHOBIC SURFACE**
[54] **BULLES OU PERLES SYNTHETIQUES AYANT UNE SURFACE HYDROPHOBE**
[72] ROTHMAN, PAUL J., US
[72] FERNALD, MARK R., US
[72] DIDDEN, FRANCIS K., US
[72] O'KEEFE, CHRISTIAN V., US
[72] KERSEY, ALAN D., US
[72] ADAMSON, DOUGLAS H., US
[73] CIDRA CORPORATE SERVICES INC., US
[85] 2013-11-19
[86] 2012-05-25 (PCT/US2012/039596)
[87] (WO2012/162614)
[30] US (61/489,893) 2011-05-25
[30] US (61/533,544) 2011-09-12

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[13] C
[51] **Int.Cl. H04N 19/33 (2014.01) H04N 19/124 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **IMAGE DECODING METHOD, IMAGE CODING METHOD, IMAGE DECODING APPARATUS, IMAGE CODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE DECODAGE D'IMAGE, PROCEDE DE CODAGE D'IMAGE, APPAREIL DE DECODAGE D'IMAGE, APPAREIL DE CODAGE D'IMAGE ET APPAREIL DE CODAGE/DECODAGE D'IMAGE**
[72] SASAI, HISAO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[72] TANIKAWA, KYOKO, JP
[72] MATSUNOBU, TORU, JP
[73] SUN PATENT TRUST, US
[85] 2013-12-05
[86] 2012-07-06 (PCT/JP2012/004407)
[87] (WO2013/008438)
[30] US (61/506,430) 2011-07-11

[11] **2,838,930**
[13] C
[51] **Int.Cl. C07K 16/06 (2006.01) C07K 1/36 (2006.01)**
[25] FR
[54] **METHOD FOR PREPARING A POLYVALENT-IMMUNOGLOBULIN CONCENTRATE**
[54] **PROCEDE DE PREPARATION D'UN CONCENTRE D'IMMUNOGLOBULINES POLYVALENTES**
[72] CHTOUROU, ABDESSATAR, FR
[72] BATAILLE, DAMIEN, FR
[72] MICHAUX, GEORGES, FR
[73] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
[85] 2013-12-10
[86] 2012-07-11 (PCT/EP2012/063549)
[87] (WO2013/007740)
[30] FR (11/56285) 2011-07-11

[11] **2,839,284**
[13] C
[51] **Int.Cl. E21B 33/06 (2006.01) E21B 33/064 (2006.01)**
[25] EN
[54] **DIVERTER SYSTEM FOR A SUBSEA WELL**
[54] **SYSTEME DEFLECTEUR POUR PUITS SOUS-MARIN**
[72] LUGO, MARIO R., US
[73] TRENDSETTER ENGINEERING, INC., US
[85] 2013-12-12
[86] 2012-06-14 (PCT/US2012/042376)
[87] (WO2012/174194)
[30] US (13/160,032) 2011-06-14

[11] **2,839,864**
[13] C
[51] **Int.Cl. D21C 11/00 (2006.01) C08H 8/00 (2010.01) C07G 1/00 (2011.01)**
[25] EN
[54] **METHOD FOR LIGNIN SEPARATION FROM BLACK LIQUOR COMPRISING MULTIPLE ACIDIFICATION STEPS**
[54] **PROCEDE DE SEPARATION DE LIGNINE D'UNE LIQUEUR NOIRE COMPRENANT DE MULTIPLES ETAPES D'ACIDIFICATION**
[72] BJORKLUND, PETER, SE
[72] WIMBY, MARTIN, SE
[72] WALLMO, HENRIK, SE
[73] VALMET AB, SE
[85] 2013-12-18
[86] 2011-06-22 (PCT/SE2011/050830)
[87] (WO2012/177198)

[11] **2,839,872**
[13] C
[51] **Int.Cl. G01N 21/84 (2006.01) A61B 6/00 (2006.01) A61B 6/03 (2006.01) G01N 21/76 (2006.01)**
[25] EN
[54] **INTEGRATED MICROTOMOGRAPHY AND OPTICAL IMAGING SYSTEMS**
[54] **SYSTEME DE MICROTOMOGRAPHIE ET D'IMAGERIE OPTIQUE INTEGREES**
[72] STEARNS, DANIEL G., US
[72] NILSON, DAVID G., US
[72] RICE, BRADLEY W., US
[73] CALIPER LIFE SCIENCES, INC., US
[85] 2013-12-18
[86] 2012-06-15 (PCT/US2012/042730)
[87] (WO2012/177512)
[30] US (13/164,640) 2011-06-20

[11] **2,840,245**
[13] C
[51] **Int.Cl. H01L 21/50 (2006.01) H01L 33/58 (2010.01) B60Q 3/233 (2017.01) B60N 2/90 (2018.01) H01L 25/075 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **LIGHTING DEVICE UTILIZING LIGHT ACTIVE SHEET MATERIAL WITH INTEGRATED LIGHT EMITTING DIODE, DISPOSED IN SEAM AND/OR IN LOW PROFILE APPLICATION**
[54] **DISPOSITIF D'ECLAIRAGE UTILISANT UN MATERIAU EN FEUILLES ACTIF A LA LUMIERE DOTE D'UNE DIODE ELECTROLUMINESCENTE INTEGREE, DISPOSEE DANS UNE SOUDURE ET/OU DANS UNE APPLICATION A PROFIL BAS**
[72] MARX, MARTIN J., US
[72] BOZICH, RICHARD C., US
[72] ROBBINS, STANLEY D., US
[72] ROBERTS, JAMES E., US
[72] EHLERS, JENNIFER M., US
[73] GROTE INDUSTRIES, LLC, US
[85] 2013-12-20
[86] 2012-07-27 (PCT/US2012/048584)
[87] (WO2013/016652)
[30] US (61/512,272) 2011-07-27

[11] **2,840,508**
[13] C
[51] **Int.Cl. F28D 1/047 (2006.01) F28F 1/00 (2006.01) F28F 27/00 (2006.01)**
[25] EN
[54] **MULTI-PHASE DISTRIBUTION SYSTEM, SUB SEA HEAT EXCHANGER AND A METHOD OF TEMPERATURE CONTROL FOR HYDROCARBONS**
[54] **SYSTEME DE DISTRIBUTION MULTIPHASIQUE, ECHANGEUR DE CHALEUR SOUS-MARIN ET PROCEDE DE REGULATION DE TEMPERATURE POUR HYDROCARBURES**
[72] KAASA, BAARD, NO
[72] RUSTEN, BERNT HENNING, NO
[72] MARAK, KNUT ARILD, NO
[72] FREDHEIM, ARNE OLAV, NO
[73] STATOIL PETROLEUM AS, NO
[85] 2013-12-27
[86] 2011-07-01 (PCT/EP2011/061148)
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[11] **2,841,148**
[13] C
[51] **Int.Cl. G01J 3/12 (2006.01) G02B 27/09 (2006.01)**
[25] EN
[54] **SPECTROGRAPH WITH ANAMORPHIC BEAM EXPANSION**
[54] **SPECTROGRAPHE A DILATATION ANAMORPHIQUE DES FAISCEAUX**
[72] BEHR, BRADFORD B., US
[72] MEADE, JEFFREY T., CA
[73] TORNADO SPECTRAL SYSTEMS INC., CA
[85] 2013-12-20
[86] 2012-06-22 (PCT/CA2012/000615)
[87] (WO2012/174655)
[30] US (61/500,948) 2011-06-24

[11] **2,841,732**
[13] C
[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **HYDRAULIC SET PACKER WITH PISTON TO ANNULUS COMMUNICATION**
[54] **GARNITURE DE DISPOSITIF HYDRAULIQUE AVEC COMMUNICATION ENTRE LE PISTON ET L'ESPACE ANNULAIRE**
[72] DERBY, MICHAEL C, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2841732)
[87] (2841732)
[22] 2014-02-06
[30] US (61/762,263) 2013-02-07

[11] **2,842,495**
[13] C
[51] **Int.Cl. C07D 333/20 (2006.01) G01N 30/02 (2006.01)**
[25] EN
[54] **5,6,7,8-TETRAHYDRO-6-[N,N-BIS[(2-THIENYL)ETHYL]]AMINO-1-NAPHTHOL, AND PREPARING METHOD AND USE THEREOF**
[54] **5,6,7,8-TETRAHYDRO-6-[N,N-BIS[(2-THIENYL)ETHYL]]AMINO-1-NAPHTOL, PROCEDE DE PREPARATION ET UTILISATION**
[72] YANG, MINA, CN
[72] ZHAO, YANYAN, CN
[72] ZHOU, FENGMEI, CN
[72] MENG, QINGGUO, CN
[72] WANG, TAO, CN
[73] SHANDONG LUYE PHARMACEUTICAL CO., LTD, CN
[85] 2014-01-21
[86] 2012-08-06 (PCT/CN2012/001038)
[87] (WO2013/023433)
[30] CN (201110235541.9) 2011-08-17

[11] **2,843,862**
[13] C
[51] **Int.Cl. G03G 9/08 (2006.01) C08J 3/16 (2006.01)**
[25] EN
[54] **EMULSION AGGREGATION PROCESS**
[54] **PROCEDE D'AGREGATION EN EMULSION**
[72] LAWTON, DAVID, CA
[72] FAUCHER, SANTIAGO, CA
[72] KURCEBA, DAVID R., CA
[72] LEE, FRANK PING HAY, CA
[72] MCNEIL, DANIEL M., CA
[73] XEROX CORPORATION, US
[86] (2843862)
[87] (2843862)
[22] 2014-02-25
[30] US (13/850654) 2013-03-26

[11] **2,844,608**
[13] C
[51] **Int.Cl. B65D 5/38 (2006.01) B65D 5/43 (2006.01) B65D 5/72 (2006.01) B65D 5/70 (2006.01)**
[25] EN
[54] **PACKAGE**
[54] **EMBALLAGE**
[72] ANDERSSON, PETER, SE
[72] WERME, JOHAN, SE
[72] MAKDESSI, SOHEIL, SE
[73] A&R CARTON OY, FI
[85] 2014-02-07
[86] 2011-08-19 (PCT/SE2011/051001)
[87] (WO2013/028105)

[11] **2,845,775**
[13] C
[51] **Int.Cl. E03C 1/12 (2006.01)**
[25] EN
[54] **DRAINPIPE, METHOD FOR PREVENTING BLOCKAGE OF DRAINPIPE AND INSTALLATION STUCTURE OF DRAINPIPE**
[54] **TUYAU DE VIDANGE, PROCEDE DE PREVENTION DE BOUCHAGE DE TUYAU DE VIDANGE ET STRUCTURE DE DISPOSITION DE TUYAU DE VIDANGE**
[72] KOMATSU, YOSHIMI, JP
[72] YOSHIDA, YOSHIHIRO, JP
[73] YOSHIDA ANNY CO. LTD., JP
[73] AKITA UNIVERSITY, JP
[85] 2014-02-19
[86] 2012-12-26 (PCT/JP2012/083600)
[87] (WO2013/099920)
[30] JP (2011-283396) 2011-12-26
[30] JP (2012-107956) 2012-05-09

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[13] C
[51] **Int.Cl. B05B 1/18 (2006.01) E03C 1/08 (2006.01)**
[25] EN
[54] **MULTI-FUNCTION WAND ASSEMBLY**
[54] **ENSEMBLE TUBE RALLONGE MULTIFONCTION**
[72] MEEHAN, STEVEN K., US
[72] TANG, YILIN, CN
[72] LU, JUNXI, CN
[73] DELTA FAUCET COMPANY, US
[86] (2846125)
[87] (2846125)
[22] 2014-03-14
[30] US (61/801,506) 2013-03-15

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[51] **Int.Cl. G06F 11/32 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **HOST COMPUTING DEVICES CONTROL COMPONENT STATUS DISPLAY**
[54] **AFFICHAGE DE STATUT DE COMPOSANT DE COMMANDE DE DISPOSITIFS INFORMATIQUES HOTES**
[72] CORDDRY, MATTHEW T., US
[72] CAMP, WYATT D., US
[72] GABRIELSON, JACOB, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2014-02-24
[86] 2012-08-24 (PCT/US2012/052356)
[87] (WO2013/032937)
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[51] **Int.Cl. G01P 15/18 (2013.01) E21B 44/00 (2006.01) G01P 3/00 (2006.01) G07C 3/02 (2006.01)**
[25] EN
[54] **ENVIRONMENTAL SEVERITY MEASUREMENT TOOL**
[54] **OUTIL DE MESURE DE GRAVITE ENVIRONNEMENTALE**
[72] KONSCHUH, CHRIS, CA
[72] CROWTHER, MIKE, CA
[72] STEIGER, LANDON, CA
[72] SHAW, MICHAEL CRAIG, GB
[73] ARRIVAL OIL TOOLS, INC., CA
[86] (2846739)
[87] (2846739)
[22] 2014-03-14
[30] US (61/789,937) 2013-03-15

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[13] C
[51] **Int.Cl. G01N 21/61 (2006.01)**
[25] EN
[54] **VARIABLE GEOMETRY OPTICAL GAS DETECTOR**
[54] **DETECTEUR DE GAZ OPTIQUE A GEOMETRIE VARIABLE**
[72] FRIGO, GIACOMINO, IT
[73] N.E.T. SRL, IT
[86] (2847491)
[87] (2847491)
[22] 2014-03-24
[30] IT (MI 2013 A 000478) 2013-03-29

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[13] C
[51] **Int.Cl. C22B 1/00 (2006.01) C22B 11/08 (2006.01)**
[25] EN
[54] **PRE-TREATMENT FOR CONVENTIONAL CYANIDATION FOR SILVER RECOVERING FROM MANGANESE - ARGENTIFEROUS ORES CONTAINING OCCLUDED SILVER**
[54] **PRETRAITEMENT POUR CYANURATION CLASSIQUE POUR LA RECUPERATION D'ARGENT A PARTIR DE MINERAIS DE MANGANESE ARGENTIFERE CONTENANT DE L'ARGENT OCCLUS**
[72] CASTILLO CASTILLO, PEDRO, MX
[72] ORRANTIA BORUNDA, ERASMO, MX
[73] CENTRO DE INVESTIGACION EN MATERIALES AVANZADOS, S.C., MX
[86] (2848843)
[87] (2848843)
[22] 2014-04-08
[30] MX (MX/A2013/015102) 2013-12-18

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[13] C
[51] **Int.Cl. A01F 15/08 (2006.01)**
[25] EN
[54] **BALER ATTACHMENT FOR OPTIONALLY CHANGING THE ORIENTATION OF BALES BEING RELEASED FROM A BALER**
[54] **ACCESSOIRE DE BOTTELEUSE POUR CHANGER FACULTATIVEMENT L'ORIENTATION DE BOTTES QUI SONT LIBEREES A PARTIR D'UNE BOTTELEUSE**
[72] THOMPSON, KENT L., US
[72] DUX, DARIN L., US
[72] OLMSTEAD, JUSTIN D., US
[73] VERMEER MANUFACTURING COMPANY, US
[85] 2014-03-24
[86] 2012-09-27 (PCT/US2012/057498)
[87] (WO2013/049308)
[30] US (61/540,286) 2011-09-28
[30] US (13/628,555) 2012-09-27

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[13] C
[51] **Int.Cl. B21D 7/024 (2006.01)**
[25] EN
[54] **DIE AND COUNTER-DIE TYPE BENDING MACHINE FOR RIGHT-HAND AND LEFT-HAND BENDING AN ELONGATED PIECE**
[54] **CINTREUSE DE TYPE A MATRICE ET CONTRE-MATRICE POUR CINTRAGE VERS LA DROITE ET VERS LA GAUCHE D'UNE PIECE ALLONGEE**
[72] CAPORUSSO, ALESSANDRO, IT
[73] CML INTERNATIONAL S.P.A., IT
[86] (2850846)
[87] (2850846)
[22] 2014-04-28
[30] IT (RM 2013 A 000259) 2013-05-02
[30] EP (14425014.9 - 1702) 2014-02-13

[11] **2,851,000**
[13] C
[51] **Int.Cl. E04F 15/18 (2006.01) E04F 15/024 (2006.01) E04F 15/10 (2006.01) E04F 15/22 (2006.01)**
[25] EN
[54] **SUBFLOOR COMPONENT AND METHOD FOR MANUFACTURING SAME**
[54] **COMPOSANT DE PLANCHER BRUT ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] AMEND, VICTOR, CA
[73] AMEND, VICTOR, CA
[86] (2851000)
[87] (2851000)
[22] 2014-05-02
[30] CA (2,827,450) 2013-09-17

[11] **2,851,147**
[13] C
[51] **Int.Cl. C22B 3/18 (2006.01) B01F 7/16 (2006.01) B01J 8/00 (2006.01)**
[25] EN
[54] **BIOLEACHING BIOREACTOR WITH A SYSTEM FOR INJECTION AND DIFFUSION OF AIR**
[54] **BIOREACTEUR POUR LA BIOLIXIVIATION A L'AIDE D'UN SYSTEME POUR L'INJECTION ET LA DIFFUSION D'AIR**
[72] SANCHEZ-VAZQUEZ, BELISARIO, MX
[72] ESTRADA-DE-LOS-SANTOS, FRANCISCO, MX
[72] BUENDIA-CACHU, ERIC DAVID, MX
[72] MONTER-VALENZUELA, ULISES, MX
[73] SERVICIOS CONDUMEX S.A. DE C.V., MX
[85] 2014-04-02
[86] 2012-10-12 (PCT/IB2012/002044)
[87] (WO2013/057557)
[30] MX (MX/a/2011/011147) 2011-10-21

[11] **2,851,226**
[13] C
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[25] EN
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[72] HENNE, PRESTON A., US
[72] HOWE, DONALD C., US
[73] GULFSTREAM AEROSPACE CORPORATION, US
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[72] RALPH, JOHN, US
[72] WITHERS, SAUNIA, US
[72] MANSFIELD, SHAWN D., CA
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[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **SYSTEMES ET PROCEDES DE CAMERA DE SURVEILLANCE INTELLIGENTE**
[72] TEICH, ANDREW C., US
[72] HOGASTEN, NICHOLAS, US
[72] HOELTER, THEODORE R., US
[72] STRANDEMAR, KATRIN, US
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[54] **HITCH ASSEMBLY FOR TRUCK FRAME WITH INTEGRATED HITCH MOUNTING STRUCTURE**
[54] **ENSEMBLE ATTELAGE POUR CHASSIS DE CAMION AVEC STRUCTURE DE MONTAGE D'ATTELAGE INTEGREE**
[72] MCCALL, TRAVIS M., US
[72] BORROR, NELSON, US
[72] LUEDKE, BRENT, US
[73] B & W CUSTOM TRUCK BEDS, INC., US
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[54] **ROTATIONAL MOTION-INDUCING VARIABLE FLOW RESISTANCE SYSTEMS HAVING A SIDEWALL FLUID OUTLET AND METHODS FOR USE THEREOF IN A SUBTERRANEAN FORMATION**
[54] **SYSEEMES DE RESISTANCE VARIABLE A L'ECOULEMENT INDUISANT UN MOUVEMENT DE ROTATION ET PRESENTANT DES SORTIES DE FLUIDE LATERALES, ET LEURS PROCEDES DE MISE EN □UVRE DANS UNE FORMATION SOUTERRAINE**
[72] DYKSTRA, JASON D., US
[72] FRIPP, MICHAEL L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CONCEPTION DE POT-TAMPON**
[72] WEIBIN, JIANG, US
[72] MCCOMISH, BRUCE E., US
[72] BORUM, BRYAN C., US
[72] CARRYER, BENJAMIN H., US
[72] IBSEN, MARK D., US
[72] ROBERTSON, MARK K., US
[72] ELROD, ERIC R., US
[72] WEEKS, SIM, US
[72] WRIGHT, HAROLD A., US
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[54] **AMINOALKYL-SUBSTITUTED N-THIENYLBENZAMIDE DERIVATIVE**
[54] **DERIVE DE N-THIENYL BENZAMIDE SUBSTITUE AVEC UN AMINOALKYLE**
[72] MIURA, MASANORI, JP
[72] KAGA, DAISUKE, JP
[72] WATANUKI, SUSUMU, JP
[72] HACHIYA, SHUNICHIRO, JP
[72] OKUDA, TAKAO, JP
[72] SATO, IPPEI, JP
[72] ISOMURA, MAI, JP
[72] TERAI, KAZUHIRO, JP
[72] TERADA, YOH, JP
[73] ASTELLAS PHARMA INC., JP
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[54] **SYSTEM AND METHOD FOR FLEXIBLE AND EFFICIENT SIMULATION OF VARYING FRACTURE DENSITY IN A RESERVOIR SIMULATOR**
[54] **SYSTEME ET PROCEDE POUR LA SIMULATION SOUPLE ET EFFICACE D'UNE DENSITE DE FRACTURES VARIABLE A L'AIDE D'UN SIMULATEUR DE RESERVOIR**
[72] HINKLEY, RICHARD EDWARD, US
[72] WANG, QINGHUA, US
[72] WATTS, JAMES WILLIAM, US
[72] FLEMING, GRAHAM CHRISTOPHER, US
[72] CAMILLERI, DOMINIC, US
[72] WANG, KEFEI, US
[72] LIU, WEI DAVID, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **PROCESSES, PRODUCTS, AND COMPOSITIONS HAVING TETRAALKYLGUANIDINE SALT OF AROMATIC CARBOXYLIC ACID**
[54] **PROCEDES, PRODUITS ET COMPOSITIONS AYANT UN SEL DE TETRAALKYLGUANIDINE D'ACIDE CARBOXYLIQUE AROMATIQUE**
[72] BURDENIUC, JUAN JESUS, US
[72] HUHTASAARI, MATTI SAKARI, DE
[73] EVONIK DEGUSSA GMBH, DE
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[54] **SURVEILLANCE ET COMMANDE D'ENERGIE AVANCEES DANS UN SYSTEME COMPLEXE**
[72] LI, SHERWIN C., US
[73] THE BOEING COMPANY, US
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[54] **PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF TUMOURS THAT EXPRESS EGFR AND GANGLIOSIDE N-GLYCOLYL GM3 (NEUGCGM3)**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR LE TRAITEMENT DE TUMEURS QUI EXPRIMENT LE REGF ET GANGLIOSIDE N-GLYCOLYL GM3 (NEUGCGM3)**
[72] GONZALEZ PALOMO, ADYS, CU
[72] CARR PEREZ, ADRIANA, CU
[72] LEON MONZON, KALET, CU
[72] BLANCO SANTANA, RANCES, CU
[72] BARROSO ALVAREZ, MARIA DEL CARMEN, CU
[72] MACIAS ABRAHAM, AMPARO EMILIA, CU
[72] MONTERO CASIMIRO, JOSE ENRIQUE, CU
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[54] **ARTICLE ABSORBANT POSSEDANT UN ELEMENT DE REGULATION DE L'ECOULEMENT DE LIQUIDE**
[72] PERSSON, CHARLOTTE, SE
[72] ANDERSSON, PATRIK, SE
[72] VARTIAINEN, KENT, SE
[72] HANSON, CHARLOTTA, SE
[72] WIEZELL, BRITT-MARIE, SE
[72] WOOD, LEIGH E., US
[72] PRIOLEAU, LORI-ANN S., US
[72] LALIBERTE, THOMAS R., US
[72] EHLERS, KERSTIN K., DE
[72] KITZER, PETER P., NL
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[54] **DISPOSITIF DE TRANSPORT POUR PIECES DE MONNAIE**
[72] FAUL, THOMAS, DE
[72] LUFT, MICHAEL RUDOLPH, DE
[73] NOVOMATIC AG, AT
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[54] **CONVEYOR BELT WITH ALIGNMENT FEATURES**
[54] **COURROIE DE TRANSPORT A ELEMENTS D'ALIGNEMENT**
[72] LASECKI, JONATHAN R., US
[72] NEELY, DARROLL JOSEPH, US
[73] ASHWORTH BROS., INC., US
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[54] **MAILLON DE COURROIE TRANSPORTEUSE AVEC ELEMENT DE MAINTIEN A TIGE**
[72] NEELY, DARROLL JOSEPH, US
[72] BOWEN, JOSEPH A., US
[73] ASHWORTH BROS., INC., US
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[54] **PROCEDE ET APPAREIL POUR INTERFACE A VIDE DE SPECTROMETRE DE MASSE**
[72] MAKAROV, ALEXANDER ALEKSEEVICH, DE
[72] ROTTMANN, LOTHAR, DE
[73] THERMO FISHER SCIENTIFIC (BREMEN) GMBH, DE
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[54] **MULTI-AGENT REINFORCEMENT LEARNING FOR INTEGRATED AND NETWORKED ADAPTIVE TRAFFIC SIGNAL CONTROL**
[54] **APPRENTISSAGE PAR RENFORCEMENT MULTI-AGENTS DESTINE A UN CONTROLE ADAPTATIF DE SIGNAUX DE CIRCULATION INTEGRE ET CONNECTE EN RESEAU**
[72] EL-TANTAWY, SAMAH, CA
[72] ABDULHAI, BAHER, CA
[73] PRAGMATEK TRANSPORT INNOVATIONS, INC., CA
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[54] **PROCEDE DE PRODUCTION DE PROPANES ET PROPENES CHLORES**
[72] TIRTOWIDJOJO, MAX MARKUS, US
[72] GRANDBOIS, MATTHEW LEE, US
[72] KRUPER, WILLIAM J., JR., US
[72] CALVERLEY, EDWARD M., US
[72] LAITAR, DAVID STEPHEN, US
[72] HIRSEKORN, KURT FREDERICK, US
[73] BLUE CUBE IP LLC, US
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[54] **PISTOLET DE CALFEUTRAGE AVEC MECANISME DE COUPE D'EMBOUT**
[72] MARSDEN, ANDREW K., US
[72] DE RENZO, DENNIS P., JR., US
[72] SZPAK, JAMES E., US
[72] BUCKEL, CHARLES T., JR., US
[73] THE SHERWIN-WILLIAMS COMPANY, US
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[54] **ROTOR RESISTANT AUX DEFORMATIONS ("CONING") POUR UN ENSEMBLE JOINT D'ETANCHEITE**
[72] BERARD, GERALD MAURICE, US
[72] RUGGERI, EDWARD N., US
[73] EATON CORPORATION, US
[85] 2014-06-20
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[54] **CONCRETE BRIDGE SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE PONT EN BETON ET PROCEDES S'Y RAPPORTANT**
[72] ASTON, SCOTT D., US
[72] CARFAGNO, MICHAEL G., US
[72] CREAMER, PHILIP A., US
[73] CONTECH ENGINEERED SOLUTIONS LLC, US
[85] 2014-07-04
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[30] US (61/595,404) 2012-02-06
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[25] EN
[54] **ATHLETIC MONITORING SYSTEM HAVING AUTOMATIC PAUSING OF MEDIA CONTENT**
[54] **SYSTEME DE SURVEILLANCE ATHLETIQUE COMPORTANT UN ARRET AUTOMATIQUE DE CONTENU MULTIMEDIA**
[72] SWANSON, EVAN, US
[73] NIKE INNOVATE C.V., US
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[51] **Int.Cl. G01N 33/28 (2006.01)**
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[54] **A METHOD AND APPARATUS FOR TESTING LOST CIRCULATION MATERIALS FOR SUBTERRANEAN FORMATIONS**
[54] **PROCEDE ET APPAREIL POUR FORMATIONS SOUTERRAINES PERMETTANT D'EVALUER LES MATERIAUX DE CIRCULATION PERDUS**
[72] MURPHY, ROBERT J., US
[72] JAMISON, DALE E., US
[72] MILLER, MATTHEW L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **METHOD AND SYSTEM FOR COVERAGE ENHANCEMENT OF UPLINK VOIP**
[54] **PROCEDE ET SYSTEME POUR L'AMELIORATION DE LA COUVERTURE DE LA VOIP EN LIAISON MONTANTE**
[72] YUAN, YIFEI, US
[73] ZTE (USA) INC., US
[85] 2014-07-24
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[54] **CONTROL OF A CHILLED AMMONIA PROCESS FOR CO2 REMOVAL FROM A FLUE GAS**
[54] **CONTROLE D'UN PROCEDE D'ELIMINATION DU CO2 DES GAZ DE FUMEE, A BASE D'AMMONIAC REFROIDI**
[72] HIWALE, RAMESHWAR S., US
[72] KOSS, ULRICH, CH
[72] NAUMOVITZ, JOSEPH P., US
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] **OPHTHALMIC AND OTORHINOLARYNGOLOGICAL DEVICE MATERIALS CONTAINING A MULTI-ARM PEG MACROMER**
[54] **MATERIAUX DE DISPOSITIF OPHTALMIQUE ET OTORHINOLARYNGOLOGIQUE CONTENANT UN MACROMERE DE POLYETHYLENE GLYCOL (PEG) A BRAS MULTIPLES**
[72] LAREDO, WALTER R., US
[73] NOVARTIS AG, CH
[85] 2014-07-25
[86] 2012-02-15 (PCT/US2012/025248)
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[51] **Int.Cl. B60R 21/20 (2011.01) B60R 21/215 (2011.01) B60R 21/235 (2006.01)**
[25] EN
[54] **INFLATION METHOD AND APPARATUS FOR AN AIRBAG**
[54] **PROCEDE ET APPAREIL DE GONFLAGE D'UN COUSSIN GONFLABLE**
[72] ARZANPOUR, SIAMAK, CA
[72] DEHGHANI, HOSSEIN, CA
[73] SIMON FRASER UNIVERSITY, CA
[85] 2014-07-28
[86] 2012-01-31 (PCT/CA2012/000101)
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[54] **APPLICATION DU MODAFINIL DANS LE TRAITEMENT DES COCAINOMANES**
[72] SUPLIE, PASCAL, FR
[72] VIVET, PHILIPPE, FR
[73] DEBREGEAS ET ASSOCIES PHARMA, FR
[85] 2014-07-29
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[25] EN
[54] **A METHOD FOR PRODUCTION OF HYDROCARBONS BY INCREASING HYDROCARBON CHAIN LENGTH**
[54] **PROCEDE DE PRODUCTION D'HYDROCARBURES PAR AUGMENTATION DE LA LONGUEUR DE CHAINE HYDROCARBONEE**
[72] MYLLYOJA, JUKKA, FI
[72] AALTO, PEKKA, FI
[72] PIILOLA, RAMI, FI
[73] NESTE OYJ, FI
[85] 2014-07-31
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[25] EN
[54] **HIGH-SPEED SECURITY INSPECTION SYSTEM**
[54] **SYSTEME D'INSPECTION DE SECURITE A GRANDE VITESSE**
[72] MORTON, EDWARD JAMES, GB
[73] RAPISCAN SYSTEMS, INC., US
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[54] **CAPTEUR DE GAZ UTILISANT UN ELECTROLYTE LIQUIDE IONIQUE**
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[72] JONES, MARTIN GEOFFREY, US
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **SUPERALLIAGE DE CRISTAL SIMPLE HAUTE RESISTANCE**
[72] HARRIS, KENNETH, US
[72] WAHL, JACQUELINE B., US
[73] CANNON-MUSKEGON CORPORATION, US
[86] (2864507)
[87] (2864507)
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[25] EN
[54] **SYSTEM AND METHOD FOR DYNAMIC FILE AVAILABILITY DURING ENCODING**
[54] **SYSTEME ET PROCEDE POUR LA DISPONIBILITE DE FICHIER DYNAMIQUE PENDANT L'ENCODAGE**
[72] DAHL, JONATHAN H., US
[72] ARBINI, BRANDON, US
[72] GREER, JUSTIN R., US
[72] SUTTON, NATHAN L., US
[73] BRIGHTCOVE, INC., US
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[54] **BENZOAZEPINES SUBSTITUEES EN 8, MODULATRICES DU RECEPTEUR TOLL-LIKE**
[72] DOHERTY, GEORGE A., US
[72] EARY, C. TODD, US
[72] GRONEBERG, ROBERT D., US
[72] JONES, ZACHARY, US
[73] ARRAY BIOPHARMA, INC., US
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[54] **AUTOMATED SELECTION OF MICROORGANISMS AND IDENTIFICATION USING MALDI**
[54] **SELECTION AUTOMATIQUE DE MICROORGANISMES ET IDENTIFICATION A L'AIDE D'UNE DILAM**
[72] BOTMA, JETZE, NL
[72] KLEEFSTRA, MARTIJN, NL
[72] VAN DER ZEE, TINO WALTER, NL
[73] BD KIESTRA B.V., NL
[85] 2014-09-25
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[54] **CONSTANT DIAMETER PUMPING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE POMPAGE A DIAMETRE CONSTANT**
[72] FALKJAR, DAVID W., CA
[72] HALSE, JOEL, CA
[73] COOKE AQUACULTURE INC., CA
[86] (2869084)
[87] (2869084)
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[25] EN
[54] **AN APPARATUS FOR TRANSPLANTING PLANTS**
[54] **APPAREIL POUR TRANSPLANTER DES PLANTES**
[72] GUSI GRACIA, CARLOS JOAQUIN, ES
[72] STROOT, BRAM GERADUS, ES
[73] PLANT TAPE ALTEA S.L., ES
[73] PLANT TAPE USA, INC., US
[86] (2869484)
[87] (2869484)
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[54] **VACCIN DE COMBINAISON PCV/MYCOPLASMA HYOPNEUMONIAE/PRRS**
[72] NITZEL, GREGORY P., US
[72] GALVIN, JEFFREY E., US
[72] GARRETT, JOHN KEITH, US
[72] KULAWIK, JAMES R., II, US
[72] RICKER, TRACY L., US
[72] SMUTZER, MEGAN MARIE, US
[73] ZOETIS SERVICES LLC, US
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[54] **VACCIN ANTI-MYCOPLASMA HYPONEUMONIAE**
[72] GALVIN, JEFFREY E., US
[72] NITZEL, GREGORY P., US
[72] GARRETT, JOHN KEITH, US
[72] KULAWIK, JAMES R., II, US
[72] RICKER, TRACY L., US
[72] SMUTZER, MEGAN MARIE, US
[73] ZOETIS SERVICES LLC, US
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[54] **SINTERED OXIDE COMPACT AND CIRCUIT BOARD USING SAME**
[54] **BRIQUETTE D'OXYDE FRITTE ET CARTE DE CIRCUIT IMPRIME UTILISANT LADITE BRIQUETTE D'OXYDE FRITTE**
[72] KOZUKA, HISASHI, JP
[72] HISHIDA, TOMOKO, JP
[72] YAMADA, HIDETO, JP
[72] OHBAYASHI, KAZUSHIGE, JP
[73] NGK SPARK PLUG CO., LTD., JP
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[25] EN
[54] **METHODS OF REMOVING A WELLBORE ISOLATION DEVICE USING A EUTECTIC COMPOSITION**
[54] **PROCEDES PERMETTANT DE RETIRER UN DISPOSITIF D'ISOLATION DE PUITS DE FORAGE AU MOYEN D'UNE COMPOSITION EUTECTIQUE**
[72] DAGENAIS, PETE, US
[72] FRIPP, MICHAEL L., US
[72] HAMID, SYED, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **INJECTEUR DE LUBRIFIANT**
[72] CLARK, PETER L., US
[73] INDUSTRIAL MANUFACTURING COMPANY INTERNATIONAL, LLC, US
[86] (2870026)
[87] (2870026)
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[54] **ADHESIVE STENT COATING FOR ANTI-MIGRATION**
[54] **REVETEMENT ADHESIF ANTI-MIGRATION POUR ENDOPROTHESE VASCULAIRE**
[72] HINGSTON, JOHN, US
[72] JORDAN, GARY, US
[72] BERTOLINO, WILLIAM, US
[72] NORTON, PAUL K., US
[72] WEINER, JASON, US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
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[87] (WO2014/042875)
[30] US (61/700,008) 2012-09-12

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[51] **Int.Cl. B64C 7/00 (2006.01)**
[25] EN
[54] **PRESSURE EQUALIZATION VENT FOR USE IN AN AIRCRAFT ASSEMBLY**
[54] **EVENT D'EGALISATION DE PRESSION POUR UTILISATION DANS UN ENSEMBLE D'AERONEF**
[72] RICHARDSON, MARCUS K., US
[72] TUOHIMAA, CLYDE ROBERT, US
[72] TONKS, MICHAEL JAMES, US
[73] THE BOEING COMPANY, US
[86] (2870712)
[87] (2870712)
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[30] US (14/166,135) 2014-01-28

[11] **2,871,035**
[13] C
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[25] EN
[54] **DETERMINATION OF ANISOTROPIC CONDUCTION CHARACTERISTICS**
[54] **DETERMINATION DE CARACTERISTIQUES DE CONDUCTION ANISOTROPE**
[72] KHOSRAVANI, SHAHRIAR, US
[73] THE BOEING COMPANY, US
[86] (2871035)
[87] (2871035)
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[25] EN
[54] **SYSTEM AND METHOD FOR STOPPING THE OPERATION OF A WIND TURBINE**
[54] **SYSTEME ET METHODE D'ARRET DU FONCTIONNEMENT D'UNE TURBINE EOLIENNE**
[72] HUANG, XIONGZHE, CN
[72] ZHENG, DANIAN, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-10-23
[86] 2012-05-02 (PCT/CN2012/074975)
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[25] EN
[54] **STOCK GUIDE ASSEMBLY**
[54] **MECANISME DE GUIDAGE DE MATERIAU**
[72] SMITH, DARRIN E., CA
[73] JESSEM PRODUCTS LIMITED, CA
[86] (2872087)
[87] (2872087)
[22] 2014-11-25
[30] US (14/546,810) 2014-11-18

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[54] **TOPICAL LIPOLYSIS COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS TOPIQUES DE TRAITEMENT DE LIPOLYSE ET METHODES**
[72] MODI, PANKAJ, CA
[73] MODI, PANKAJ, CA
[86] (2872279)
[87] (2872279)
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[30] US (14/549,732) 2014-11-21

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[54] **CHARNIERE DESTINEE A UNE PORTE COUPE-FEU**
[72] PARK, GAP HWAN, KR
[73] PARK, GAP HWAN, KR
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[25] EN
[54] **TUBULAR HANDLING TOOL**
[54] **OUTIL DE MANIPULATION TUBULAIRE**
[72] STANKOVIC, IGOR, DE
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2873527)
[87] (2873527)
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[11] **2,874,347**
[13] C
[51] **Int.Cl. E05C 9/20 (2006.01) E05C 9/22 (2006.01)**
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[54] **POST FOR TWO SECTION FOLDING CLOSURE AND A FOLDING CLOSURE USING SAME**
[54] **MONTANT DESTINE A UNE FERMETURE PLIANTE EN DEUX SECTIONS ET UNE FERMETURE PLIANTE EMPLOYANT LEDIT MONTANT**
[72] SVENSON, JULIAN MICHAEL, CA
[73] DYNAMIC CLOSURES CORPORATION, CA
[86] (2874347)
[87] (2874347)
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[25] EN
[54] **BATTERY CHARGING METHOD AND ELECTRONIC DEVICE**
[54] **PROCEDE DE CHARGE DE BATTERIE ET DISPOSITIF ELECTRONIQUE**
[72] KIM, HEE-TAE, KR
[72] JUNG, KU-CHUL, KR
[72] LEE, KWANG-SUB, KR
[72] JANG, SE-YOUNG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2014-11-21
[86] 2013-06-14 (PCT/KR2013/005288)
[87] (WO2013/191416)
[30] KR (10-2012-0065421) 2012-06-19

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[25] EN
[54] SYSTEMS AND METHODS FOR WIRELESSLY MODIFYING DETECTION CHARACTERISTICS OF PORTABLE DEVICES
[54] SYSTEMES ET PROCEDES POUR MODIFIER DE MANIERE SANS FIL DES CARACTERISTIQUES DE DETECTION DE DISPOSITIFS PORTABLES
[72] JAIN, ANAND, US
[72] STAVROPOULOS, JOHN, US
[72] NEUHAUSER, ALAN, US
[72] LYNCH, WENDELL, US
[72] KUZNETSOV, VLADIMIR, US
[72] CRYSTAL, JACK, US
[72] GISH, DAVID, US
[73] THE NIELSEN COMPANY (US), LLC, US
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[30] US (13/657,380) 2012-10-22

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[25] EN
[54] SATELLITE NAVIGATION SIGNAL, GENERATING METHOD, GENERATING DEVICE, RECEIVING METHOD AND RECEIVING DEVICE
[54] SIGNAL DE NAVIGATION PAR SATELLITE ET PROCEDE DE GENERATION, DISPOSITIF DE GENERATION, PROCEDE DE RECEPTION ET DISPOSITIF DE RECEPTION CORRESPONDANTS
[72] YAO, ZHENG, CN
[72] LU, MINGQUAN, CN
[73] TSINGHUA UNIVERSITY, CN
[85] 2014-12-05
[86] 2013-06-06 (PCT/CN2013/000675)
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[30] CN (201210186757.5) 2012-06-07

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[25] EN
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[54] STRUCTURES ISOLANTES FLEXIBLES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION
[72] DOSHI, DHAVAL A., US
[72] NORWOOD, CATHERINE M., US
[73] CABOT CORPORATION, US
[85] 2014-12-12
[86] 2013-06-24 (PCT/US2013/047291)
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[30] US (61/664,411) 2012-06-26

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[51] Int.Cl. G01V 5/00 (2006.01)
[25] EN
[54] NONINTRUSIVE INSPECTION METHOD AND SYSTEM OF AIRCRAFTS
[54] PROCEDE ET SYSTEME D'INSPECTION NON INTRUSIVE D'AERONEFS
[72] TUDOR, MIRCEA, RO
[72] BIZGAN, ADRIAN, RO
[72] SIMA, CONSTANTIN, RO
[72] CHIRITA, IONEL, RO
[72] IACOBITA, ANDREI, RO
[72] MIHILICA, EMILIAN, RO
[72] OSVAT, ADRIAN, RO
[72] PRIOTEASA, CRISTIAN, RO
[72] POPOVICI, OVIDIU, RO
[72] DOBRESCU, ANDA, RO
[72] MUNTEANU, DORU, RO
[72] STUDINEANU, EMIL, RO
[72] BIRSAN, NICUSOR, RO
[73] MB TELECOM LTD., RO
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[86] 2012-12-06 (PCT/RO2012/000030)
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[51] Int.Cl. C10J 3/46 (2006.01) C10K 1/28 (2006.01)
[25] EN
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[54] GAZEIFICATION A DEUX ETAGES AVEC DOUBLE REFROIDISSEMENT
[72] KELLER, CLIFTON G., US
[72] WILLIAMS, CHANCELLOR L., US
[72] BUSTAMANTE, IVAN O., US
[73] LUMMUS TECHNOLOGY INC., US
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[30] US (61/664,415) 2012-06-26

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[25] EN
[54] DYNAMIC IMAGE PREDICTIVE ENCODING AND DECODING DEVICE, METHOD, AND PROGRAM
[54] DISPOSITIF DE DECODAGE ET DE CODAGE PREDICTIF D'IMAGE DYNAMIQUE, PROCEDE ET PROGRAMME ASSOCIES
[72] BOON, CHOONG SENG, JP
[72] TAKIUE, JUNYA, JP
[72] FUJIHAYASHI, AKIRA, JP
[72] TAN, THIOW KENG, JP
[73] NTT DOCOMO, INC., JP
[85] 2014-12-24
[86] 2013-04-09 (PCT/JP2013/060730)
[87] (WO2014/002568)
[30] JP (2012-145832) 2012-06-28

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[13] C
[51] **Int.Cl. B66B 3/02 (2006.01) B66B 1/40 (2006.01)**
[25] EN
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[54] **DISPOSITIF DE ZONE DE PORTE A POSITION ABSOLUE**
[72] HUFF, RANDOLPH, US
[72] DELISO, ANDREW, US
[73] THYSSENKRUPP ELEVATOR CORPORATION, US
[86] (2878566)
[87] (2878566)
[22] 2015-01-16
[30] US (14/178021) 2014-02-06

[11] **2,878,608**
[13] C
[51] **Int.Cl. E21B 43/36 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **MULTIPHASE SEPARATION SYSTEM**
[54] **SYSTEME DE SEPARATION DE PHASES MULTIPLES**
[72] GRAVE, EDWARD J., US
[72] BYMASTER, ADAM S., US
[72] FOWLER, TRACY A., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-01-07
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[87] (WO2014/058480)
[30] US (61/711,132) 2012-10-08

[11] **2,878,807**
[13] C
[51] **Int.Cl. H04N 19/34 (2014.01) H04N 19/159 (2014.01) H04N 19/36 (2014.01)**
[25] EN
[54] **CODEC ARCHITECTURE FOR MULTIPLE LAYER VIDEO CODING**
[54] **ARCHITECTURE DE CODEC POUR CODAGE VIDEO A COUCHES MULTIPLES**
[72] YE, YAN, US
[72] MCCLELLAN, GEORGE W., US
[72] HE, YONG, US
[72] XIU, XIAOYU, CA
[72] HE, YUWEN, US
[72] DONG, JIE, US
[72] HAL, CAN, US
[72] RYU, EUN, US
[73] VID SCALE, INC., US
[85] 2015-01-09
[86] 2013-07-09 (PCT/US2013/049662)
[87] (WO2014/011595)
[30] US (61/669,356) 2012-07-09
[30] US (61/734,264) 2012-12-06

[11] **2,879,540**
[13] C
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[25] EN
[54] **COLD-ROLLED STEEL SHEET AND METHOD FOR MANUFACTURING SAME, AND HOT-STAMP FORMED BODY**
[54] **FEUILLE D'ACIER LAMINEE A FROID, SON PROCEDE DE FABRICATION ET ARTICLE MOULE PAR ESTAMPAGE A CHAUD**
[72] NONAKA, TOSHIKI, JP
[72] KATO, SATOSHI, JP
[72] KAWASAKI, KAORU, JP
[72] TOMOKIYO, TOSHIMASA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-01-19
[86] 2013-08-05 (PCT/JP2013/071126)
[87] (WO2014/024831)
[30] JP (2012-174215) 2012-08-06
[30] JP (2012-174216) 2012-08-06

[11] **2,879,800**
[13] C
[51] **Int.Cl. A61B 17/3207 (2006.01)**
[25] EN
[54] **DEVICES AND SYSTEMS FOR THROMBUS TREATMENT**
[54] **DISPOSITIFS ET SYSTEMES POUR LE TRAITEMENT DE THROMBUS**
[72] CULLY, EDWARD H., US
[72] FRIEDMAN, NATHAN L., US
[72] ZACHARIAS, ERIC H., US
[73] W.L. GORE & ASSOCIATES, INC., US
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[30] US (61/683,643) 2012-08-14
[30] US (13/802,428) 2013-03-13
[30] US (13/802,437) 2013-03-13

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[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING USED AND DRIED SENSORS**
[54] **SYSTEME ET PROCEDE POUR LA DETECTION DE DETECTEURS UTILISES ET SECS**
[72] HARRISON, HERN, US
[73] ASCENSIA DIABETES CARE HOLDINGS AG, CH
[85] 2015-01-22
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[25] EN
[54] **FUEL CELL AND FUEL CELL STACK WITH MAINTAINED ELECTRICAL CONNECTION**
[54] **PILE A COMBUSTIBLE ET EMPILEMENT DE PILES A COMBUSTIBLE A CONNEXION ELECTRIQUE MAINTENUE**
[72] HOTTA, NOBUYUKI, JP
[72] TANIMURA, RYOJI, JP
[72] MIZUNO, ATSUSHI, JP
[72] MORIKAWA, TETSUYA, JP
[73] NGK SPARK PLUG CO., LTD., JP
[85] 2015-01-27
[86] 2013-07-25 (PCT/JP2013/004529)
[87] (WO2014/017096)
[30] JP (2012-166611) 2012-07-27

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[51] **Int.Cl. G06F 3/0481 (2013.01)**
[25] EN
[54] **METHODS AND DEVICES FOR TERMINAL CONTROL**
[54] **PROCEDES ET DISPOSITIFS DE COMMANDE D'UN TERMINAL**
[72] LI, LIEQIANG, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-01-28
[86] 2013-06-24 (PCT/CN2013/077791)
[87] (WO2014/032461)
[30] CN (201210311632.0) 2012-08-29

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[25] EN
[54] **STEEL SHEET FOR HOT STAMPING, METHOD OF MANUFACTURING THE SAME, AND HOT STAMPED STEEL SHEET MEMBER**
[54] **TOLE D'ACIER POUR FORMAGE A CHAUD A LA PRESSE, SON PROCEDE DE PRODUCTION, ET ELEMENT DE TOLE D'ACIER POUR FORMAGE A CHAUD A LA PRESSE**
[72] TAMAKI, AKARI, JP
[72] HIKIDA, KAZUO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-02-02
[86] 2013-08-15 (PCT/JP2013/071971)
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[30] JP (2012-180186) 2012-08-15

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[13] C
[51] **Int.Cl. C22C 21/10 (2006.01) C22F 1/053 (2006.01)**
[25] EN
[54] **HIGH STRENGTH AL-ZN ALLOY AND METHOD FOR PRODUCING SUCH AN ALLOY PRODUCT**
[54] **PRODUIT D'ALLIAGE AL-ZN A HAUTE RESISTANCE ET PROCEDE DE PRODUCTION DE CE PRODUIT D'ALLIAGE AL-ZN**
[72] BENEDICTUS, RINZE, NL
[72] KEIDEL, CHRISTIAN JOACHIM, DE
[72] HEINZ, ALFRED LUDWIG, DE
[73] CORUS ALUMINIUM WALZPRODUKTE GMBH, DE
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[25] EN
[54] **HUMAN BINDING MOLECULES HAVING KILLING ACTIVITY AGAINST STAPHYLOCOCCI AND USES THEREOF**
[54] **MOLECULES DE LIAISON HUMAINES PRESENTANT UNE ACTIVITE BACTERICIDE CONTRE LES STAPHYLOCOQUES ET LEURS UTILISATIONS**
[72] GEUIJEN, CECILIA ANNA WILHELMINA, NL
[72] THROSBY, MARK, NL
[72] DE KRUIF, CORNELIS ADRIAAN, NL
[73] JANSSEN VACCINES & PREVENTION B.V., NL
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[87] (2881717)
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[25] EN
[54] **ELECTRONIC CIGARETTE AND ELECTRONIC CIGARETTE DEVICE**
[54] **CIGARETTE ELECTRONIQUE ET DISPOSITIF A CIGARETTE ELECTRONIQUE**
[72] LIU, QIUMING, CN
[73] KIMREE HI-TECH INC., VG
[85] 2015-02-23
[86] 2012-08-31 (PCT/CN2012/080843)
[87] (WO2014/032275)

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[51] **Int.Cl. F16K 51/00 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **VIRTUAL LIMIT SWITCH**
[54] **COMMUTATEUR A LIMITE VIRTUELLE**
[72] MINERVINI, LEO, US
[73] PENTAIR FLOW CONTROL AG, CH
[85] 2015-03-03
[86] 2013-09-06 (PCT/US2013/058553)
[87] (WO2014/039852)
[30] US (13/606,499) 2012-09-07

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[25] EN
[54] **ILLUMINATION DEVICE, PROJECTOR, AND ILLUMINATION METHOD**
[54] **DISPOSITIF D'ECLAIRAGE, PROJECTEUR ET PROCEDE D'ECLAIRAGE**
[72] FUJITA, KAZUHIRO, JP
[72] TAKAHASHI, TATSUYA, JP
[72] MURAI, TOSHIHARU, JP
[72] MAEDA, IKUO, JP
[72] NISHIMORI, TAKEHIRO, JP
[73] RICOH COMPANY, LTD., JP
[85] 2015-03-05
[86] 2013-09-12 (PCT/JP2013/075385)
[87] (WO2014/046219)
[30] JP (2012-204918) 2012-09-18
[30] JP (2013-093578) 2013-04-26

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[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **MAIL PROCESSING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE COURRIER**
[72] MA, HUATENG, CN
[72] ZHANG, XIAOLONG, CN
[72] HUANG, TIEMING, CN
[72] DU, JIAHUI, CN
[72] YANG, JIE, CN
[72] HUANG, ZIQUN, CN
[72] ZHOU, WENJIE, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-03-09
[86] 2013-09-05 (PCT/CN2013/082974)
[87] (WO2014/036949)
[30] CN (201210332204.6) 2012-09-10

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[13] C
[51] **Int.Cl. E04B 2/86 (2006.01) E04B 1/12 (2006.01)**
[25] EN
[54] **MODULAR, MULTIPERFORATED PERMANENT FORMWORK OR CENTERRING CONSTRUCTION SYSTEM FOR REINFORCED CONCRETE**
[54] **SYSTEME DE CONSTRUCTION MODULAIRE DE COFFRAGE PERMANENT A PERFORATIONS MULTIPLES POUR BETON OU BETON ARME**
[72] ALCALA ORDAZ, RICARDO, MX
[73] ELEVEN SOLUTIONS RFE S.A. DE C.V., MX
[85] 2015-03-16
[86] 2012-09-17 (PCT/MX2012/000087)
[87] (WO2014/042502)

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[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/18 (2006.01) B01D 53/78 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR STRIPPING A GAS FROM A GAS MIXTURE USING A VENTURI EJECTOR**
[54] **PROCEDE ET DISPOSITIF D'EXTRACTION D'UN GAZ A PARTIR D'UN MELANGE DE GAZ A L'AIDE D'UN EJECTEUR VENTURI**
[72] HEIRMAN, PETER JOZEF, BE
[72] AALDERINK, GEURT, BE
[73] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[85] 2015-03-25
[86] 2013-10-01 (PCT/BE2013/000051)
[87] (WO2014/053030)
[30] BE (2012/0660) 2012-10-05

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[51] **Int.Cl. H04M 3/51 (2006.01) H04M 3/42 (2006.01) H04M 3/527 (2006.01) H04L 9/00 (2006.01)**
[25] EN
[54] **COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR PROTECTING SENSITIVE INFORMATION WITHIN A CALL CENTER IN REAL TIME**
[54] **SYSTEME INFORMATIQUE ET METHODE DE PROTECTION EN TEMPS REEL D'INFORMATION SENSIBLE D'UN CENTRE D'APPELS**
[72] MILSTEIN, DAVID, US
[72] ODINAK, GILAD, US
[72] LEE, HOWARD M., US
[73] INTELLISIST, INC., US
[86] (2886388)
[87] (2886388)
[22] 2015-03-25
[30] US (61/970,275) 2014-03-25
[30] US (14/667,603) 2015-03-24

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[13] C
[51] **Int.Cl. C08L 75/04 (2006.01) C01F 7/02 (2006.01) C08K 3/22 (2006.01)**
[25] EN
[54] **THERMALLY CONDUCTIVE POLYMER AND RESIN COMPOSITIONS FOR PRODUCING SAME**
[54] **POLYMERE THERMOCONDUCTEUR ET COMPOSITIONS DE RESINE POUR LE PRODUIRE**
[72] FRANK, JOCHEN, DE
[73] DR. NEIDLINGER HOLDING GMBH, DE
[85] 2015-03-31
[86] 2013-05-03 (PCT/EP2013/059220)
[87] (WO2014/053252)
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[51] **Int.Cl. D21C 5/00 (2006.01) D21C 5/02 (2006.01) D21H 11/14 (2006.01) D21H 17/00 (2006.01)**
[25] EN
[54] **FIXATION OF MINERAL OIL IN PAPER FOOD PACKAGING WITH LACCASE TO PREVENT MINERAL OIL MIGRATION INTO FOOD**
[54] **FIXATION D'HUILE MINERALE DANS UN EMBALLAGE ALIMENTAIRE EN PAPIER COMPRENANT UNE LACCASE POUR EMPECHER LA MIGRATION D'HUILE MINERALE VERS L'ALIMENT**
[72] NOLSEN, ANDRE, US
[72] MILLER, ROBERT, US
[73] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
[85] 2015-04-01
[86] 2013-09-18 (PCT/US2013/060365)
[87] (WO2014/058581)
[30] US (61/712,039) 2012-10-10

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[51] **Int.Cl. F16G 11/10 (2006.01)**
[25] EN
[54] **CLAMPING ASSEMBLY**
[54] **ENSEMBLE SERRAGE**
[72] SOMERFIELD, ALAN, GB
[73] GRIPPLE LIMITED, GB
[85] 2015-04-14
[86] 2013-10-18 (PCT/GB2013/000441)
[87] (WO2014/064403)
[30] GB (1219119.3) 2012-10-24
[30] GB (1318287.8) 2013-10-16

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[51] **Int.Cl. B29B 11/16 (2006.01) B64C 11/00 (2006.01) B64D 33/02 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **CIRCUMFERENTIAL STIFFENERSR8 FOR COMPOSITE FANCASES**
[54] **RAIDISSEURSR8 PERIPHERIQUES POUR ENCEINTES DE VENTILATEUR COMPOSITES**
[72] GOERING, JONATHAN, US
[73] ALBANY ENGINEERED COMPOSITES, INC., US
[85] 2015-04-20
[86] 2013-10-21 (PCT/US2013/065874)
[87] (WO2014/066229)
[30] US (13/658,578) 2012-10-23

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[13] C
[51] **Int.Cl. A61F 13/496 (2006.01) A61F 13/15 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR BONDING SUBSTRATES**
[54] **APPAREILS ET PROCEDES DE LIAISON DE SUBSTRATS**
[72] ORDWAY, DAVID CARLTON, US
[72] FRANKE, JILLIAN MARIE, US
[72] HUANG, GENE XIAOQING, US
[72] SCHNEIDER, UWE, US
[72] LONG, MICHAEL DEVIN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-04-21
[86] 2013-10-21 (PCT/US2013/065867)
[87] (WO2014/066224)
[30] US (61/717,268) 2012-10-23
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[51] **Int.Cl. C09K 3/10 (2006.01) C08L 81/02 (2006.01) C09D 5/34 (2006.01) C08G 75/045 (2016.01)**
[25] EN
[54] **USES OF UV-CURABLE POLYTHIOETHER SEALANTS FOR SEALING FASTENERS AND FOR SMOOTHING SURFACES**
[54] **UTILISATIONS DE MASTICS A BASE DE POLYTHIOETHERS POLYMERISABLES AUX UV POUR ETANCHER DES FIXATIONS ET POUR LISSER DES SURFACES**
[72] VIRNELSON, BRUCE, US
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2015-04-23
[86] 2013-10-09 (PCT/US2013/063982)
[87] (WO2014/066039)
[30] US (13/659,074) 2012-10-24

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[25] EN
[54] **EMERGENCY VISION APPARATUS**
[54] **APPAREIL DE VISION DE SECOURS**
[72] WERJEFELT, BERTIL R. L., US
[73] WERJEFELT, BERTIL R. L., US
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[87] (2889521)
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[51] **Int.Cl. E21B 4/00 (2006.01) F16C 19/00 (2006.01) F16C 21/00 (2006.01)**
[25] EN
[54] **HYBRID BEARINGS FOR DOWNHOLE MOTORS**
[54] **PALIERS HYBRIDES POUR MOTEURS DE FOND**
[72] CHUSTZ, MARK, US
[73] SCIENTIFIC DRILLING INTERNATIONAL, INC., US
[85] 2015-04-24
[86] 2013-10-24 (PCT/US2013/066569)
[87] (WO2014/066609)
[30] US (13/660,608) 2012-10-25

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[13] C
[51] **Int.Cl. H01R 39/08 (2006.01) F03D 80/80 (2016.01)**
[25] EN
[54] **SLIP RING ASSEMBLY, SLIP RING SHAFT OF A SLIP RING ASSEMBLY, INSULATING BODY OF A SLIP RING ASSEMBLY AND SLIP RING OF A SLIP RING ASSEMBLY**
[54] **CORPS DE BAGUE COLLECTRICE, AXE DE BAGUE COLLECTRICE D'UN CORPS DE BAGUE COLLECTRICE, ELEMENT ISOLANT D'UN CORPS DE BAGUE COLLECTRICE ET BAGUE COLLECTRICE D'UN CORPS DE BAGUE COLLECTRICE**
[72] GERDES, FRANK, DE
[72] JANSSEN, AIKE, DE
[72] HALLER, MATTHIAS, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-04-24
[86] 2013-11-06 (PCT/EP2013/073190)
[87] (WO2014/072355)
[30] DE (10 2012 220 293.5) 2012-11-07

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[13] C
[51] **Int.Cl. G06F 3/048 (2013.01) A63F 13/00 (2014.01) G06F 3/023 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING APPARATUS AND INPUTTING APPARATUS**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS ET DISPOSITIF D'ENTREE**
[72] TAKAICHI, TOMOKI, JP
[72] MATSUNAGA, KIYOBUMI, JP
[72] AOKI, TOSHIMASA, JP
[72] MATSUZAWA, TAKESHI, JP
[72] FUJII, TAKAHIRO, JP
[73] [illegible]Y INTERACTIVE ENTERTAINMENT INC., JP
[85] 2015-05-01
[86] 2013-07-17 (PCT/JP2013/004372)
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[51] **Int.Cl. C08F 297/06 (2006.01) C08J 5/18 (2006.01) C08J 9/00 (2006.01)**
[25] EN
[54] **SELF-ASSEMBLING POLYMERS - V**
[54] **POLYMERES AUTOASSEMBLANT - V**
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US
[73] PALL CORPORATION, US
[86] (2890578)
[87] (2890578)
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[25] EN
[54] **METHOD OF PREDICTING ANIMAL LITTER SIZE USING PROTEIN BIOMARKERS RELATED WITH FERTILITY, AND METHOD OF PREDICTING ANIMAL SPERM QUALITY AND LITTER SIZE USING CHLORTETRACYCLINE STAINING**
[54] **METHODE DE PREDICTION DE LA TAILLE DE LA PORTEE D'UN ANIMAL AU MOYEN DE BIOMARQUEURS DE PROTEINE ASSOCIES A LA FERTILITE, ET METHODE DE PREDICTION DE LA QUALITE DU SPERME ANIMAL ET DE LA TAILLE DE LA PORTEE D'UN ANIMAL AU MOYEN DE COLORATION A LA CHLORTETRACYCLINE**
[72] PANG, MYUNG-GEOL, KR
[72] KWON, WOO-SUNG, KR
[73] CHUNG ANG UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION, KR
[86] (2892401)
[87] (2892401)
[22] 2015-05-19
[30] KR (10-2014-0169854) 2014-12-01

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[13] C
[51] **Int.Cl. E21B 33/14 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **A METHOD FOR ESTABLISHMENT OF AN ANNULUS BARRIER IN A SUBTERRANEAN WELL**
[54] **PROCEDE POUR ETABLIR UNE BARRIERE ANNULAIRE DANS UN PUITS SOUTERRAIN**
[72] ANDERSEN, PATRICK, NO
[72] DAHL, ARNT OLAV, NO
[72] LARSEN, ARNE GUNNAR, NO
[72] JENSEN, ROY INGE, NO
[72] MYHRE, MORTEN, NO
[73] HYDRA SYSTEMS AS, NO
[85] 2015-05-28
[86] 2013-01-21 (PCT/NO2013/050015)
[87] (WO2013/115652)
[30] NO (20120116) 2012-02-03

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[13] C
[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **SUCTION CANISTER HAVING A REPLACEABLE FILTER CARTRIDGE**
[54] **BOITE D'ASPIRATION COMPRENANT UNE CARTOUCHE DE FILTRE REMPLACABLE**
[72] NEATROUR, JOEL DAVID, US
[72] SMITH, MATT, US
[73] DEVILBISS HEALTHCARE, LLC, US
[85] 2015-06-02
[86] 2013-12-03 (PCT/US2013/072844)
[87] (WO2014/089056)
[30] US (13/692,041) 2012-12-03

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[13] C
[51] **Int.Cl. B44C 5/04 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A WOOD-BASED BOARD PROVIDED WITH A DECORATIVE LAYER**
[54] **METHODE DE PRODUCTION D'UNE PLANCHE A BASE DE BOIS COMPORTANT UNE COUCHE DECORATIVE**
[72] KALWA, NORBERT, DE
[73] FLOORING TECHNOLOGIES LTD., MT
[85] 2015-06-04
[86] 2013-12-12 (PCT/EP2013/076366)
[87] (WO2014/090939)
[30] EP (12196717.8) 2012-12-12

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[13] C
[51] **Int.Cl. B32B 27/36 (2006.01) B32B 33/00 (2006.01) B65D 81/34 (2006.01) H05B 6/64 (2006.01)**
[25] EN
[54] **LOW CRYSTALLINITY SUSCEPTOR FILMS**
[54] **FILMS DE SUSCEPTEUR A FAIBLE CRISTALLINITE**
[72] MIDDLETON, SCOTT W., US
[72] BOHRER, TIMOTHY H., US
[72] SLOAT, JEFFREY T., US
[72] GILPATRICK, WILLIAM, US
[72] SINCLAIR, MARK, US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[86] (2894294)
[87] (2894294)
[22] 2010-07-29
[62] 2,767,731
[30] US (61/273,090) 2009-07-30
[30] US (61/236,925) 2009-08-26
[30] US (12/709,628) 2010-02-22

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[13] C
[51] **Int.Cl. H04W 72/02 (2009.01) H04W 72/12 (2009.01) H04W 72/08 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MITIGATING TRANSMISSION INTERFERENCE BETWEEN NARROWBAND AND BROADBAND MOBILE DEVICES**
[54] **PROCEDE ET APPAREIL DESTINES A ATTENUER LE BROUILLAGE D'EMISSION ENTRE DES DISPOSITIFS MOBILES A BANDE ETROITE ET A LARGE BANDE**
[72] GROSSPIETSCH, JOHN K., US
[72] BAKER, MICHAEL H., US
[72] MAKHLOUF, ISAM R., US
[72] SHAHAF, MARK, US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-06-12
[86] 2013-11-26 (PCT/US2013/071833)
[87] (WO2014/099297)
[30] US (13/723,942) 2012-12-21

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[13] C
[51] **Int.Cl. B01L 3/00 (2006.01) G01N 35/00 (2006.01) G09F 3/00 (2006.01) G09F 3/02 (2006.01)**
[25] EN
[54] **DUAL BARCODE LABELING FACILITATING AUTOMATED DECAPPING**
[54] **ETIQUETAGE A CODES A BARRES DOUBLES FACILITANT L'AUTOMATISATION DU DECAPSULAGE**
[72] GELFAND, CRAIG A., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2015-06-12
[86] 2014-01-21 (PCT/US2014/012291)
[87] (WO2014/116574)
[30] US (61/755,118) 2013-01-22

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[13] C
[51] **Int.Cl. E21B 7/08 (2006.01) E21B 29/06 (2006.01)**
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[54] **WINDOW MILLING SYSTEMS**
[54] **SYSTEMES DE FRAISAGE DE FENETRE**
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[72] DANCER, WILLIAM W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DETECTION DE VEHICULE GUIDE PAR RAIL DE GUIDAGE BASEE SUR UN SYSTEME RFID**
[72] KANNER, ABE, CA
[72] MCKILLICAN, BOYD, CA
[72] FRASER, CAMERON, CA
[73] THALES CANADA INC., CA
[85] 2015-07-08
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[25] EN
[54] **ORALLY ADMINISTERED ADSORBENT, THERAPEUTIC AGENT FOR RENAL DISEASE, AND THERAPEUTIC AGENT FOR LIVER DISEASE**
[54] **ADSORBANT POUR ADMINISTRATION PAR VOIE ORALE, MEDICAMENT POUR MALADIE RENALE, ET MEDICAMENT POUR MALADIE DU FOIE**
[72] WAKAHOI, TAKASHI, JP
[72] AKITA, TAKAHIRO, JP
[72] SONOBE, NAOHIRO, JP
[72] KUWAHARA, MIEKO, JP
[73] KUREHA CORPORATION, JP
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[54] **FORMING COMPOSITE FEATURES USING STEERED DISCONTINUOUS FIBER PRE-PREG**
[54] **FORMATION D'ELEMENTS COMPOSITES A L'AIDE D'UN PRE-IMPREGNE A FIBRES DISCONTINUES ORIENTEES**
[72] GRIESS, KENNETH H., US
[72] VETTER, DEREK P., US
[72] GRAVES, MICHAEL J., US
[73] THE BOEING COMPANY, US
[85] 2015-07-14
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[54] **SYSTEMS AND METHODS FOR CONVERTING WIND FROM AN AIRCRAFT INTO ELECTRICAL POWER**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE CONVERTIR DU VENT ISSU D'UN AERONEF EN ENERGIE ELECTRIQUE**
[72] HOFFSTADT, BRETT MUKHERJEE, US
[73] THE BOEING COMPANY, US
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[54] **METHOD AND SYSTEM TO ENABLE SELECTIVE SMOKE DETECTION SENSITIVITY**
[54] **METHODE ET SYSTEME D'ACTIVATION DE SENSIBILITE DE DETECTION DE FUMEE**
[72] MEIER, OLIVER C., US
[73] THE BOEING COMPANY, US
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[54] **ADAPTATION D'UN RESEAU MOBILE**
[72] DUDDA, TORSTEN, DE
[72] WAGER, STEFAN, FI
[72] BERGSTROM, MATTIAS, SE
[72] MULLER, WALTER, SE
[72] XUAN, ZHIYI, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **METHOD, APPARATUS AND SYSTEM FOR PERFORMING PRIORITIZED BARRING OF SERVICE ACCESS**
[54] **PROCEDE, APPAREIL ET SYSTEME POUR EFFECTUER UNE INTERDICTION PRIORISEE DE L'ACCES A UN SERVICE**
[72] HEEN, KJELL-HARALD, NO
[73] UNIFIED MESSAGING SYSTEMS AS, NO
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[54] **CELLULOSE NANOCRYSTALS - THERMOSET RESIN SYSTEMS, APPLICATIONS THEREOF AND ARTICLES MADE THEREFROM**
[54] **SYSTEMES DE RESINE THERMOMOULEES - NANOCRISTAUX DE CELLULOSE, APPLICATIONS ET ARTICLES REALISES DANS CES SYSTEMES**
[72] ZHANG, YAOLIN, CA
[72] KOUISNI, LAMFEDDAL, CA
[72] WANG, XIANG-MING, CA
[72] PALEOLOGOU, MICHAEL, CA
[72] FENG, MARTIN, CA
[72] BRUNETTE, GILLES, CA
[72] HE, GUANGBO, CA
[72] WAN, HUI, US
[72] ALEMDAR-THOMSON, AYSE, CA
[73] FPINNOVATIONS, CA
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[54] **WIND TURBINE AIR DEFLECTOR SYSTEM CONTROL**
[54] **COMMANDE DE DISPOSITIF DEFLECTEUR D'AIR POUR EOLIENNE**
[72] BUTTERWORTH, JEFFREY A., US
[72] WEHRHAN, TOBIAS G., US
[73] GE INFRASTRUCTURE TECHNOLOGY, LLC, US
[86] (2901364)
[87] (2901364)
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[54] **WIND TURBINE AIR DEFLECTOR SYSTEM CONTROL**
[54] **COMMANDE DE DISPOSITIF DEFLECTEUR D'AIR POUR EOLIENNE**
[72] BUTTERWORTH, JEFFREY A., US
[72] WEHRHAN, TOBIAS G., US
[73] GE INFRASTRUCTURE TECHNOLOGY, LLC, US
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[54] **FILTER INSERT**
[54] **INSERTION DE FILTRE**
[72] WALL, GUENTHER, AT
[72] TRENKWALDER, THOMAS, AT
[73] GE JENBACHER GMBH & CO OG, AT
[86] (2901846)
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[54] **CONVEYOR UNDERGUARD**
[54] **PROTECTION INFERIEURE DE TRANSPORTEUR**
[72] BRAYMAN, MATTHEW T., US
[72] SHEFFER, SAMUEL A., US
[72] VREEKEN, PERCY, US
[72] POMANTE, NICK, US
[72] ESCHENBURG, RANDY, US
[72] NIXON, TIMOTHY J., US
[73] DEMATIC CORP., US
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[25] EN
[54] **REMOTE CONTROL FAUCET FILTER SYSTEM**
[54] **SYSTEME DE FILTRE DE ROBINET TELECOMMANDE**
[72] MILLER, BRYAN, US
[72] QUINN, KERRY, US
[72] ANDERSON, DOUG, US
[72] SCHROECK, ZACH, US
[73] CULLIGAN INTERNATIONAL COMPANY, US
[86] (2902645)
[87] (2902645)
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[30] US (14/602,854) 2015-01-22

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[25] EN
[54] **CEMENT SET ACTIVATORS FOR SET-DELAYED CEMENT COMPOSITIONS AND ASSOCIATED METHODS**
[54] **ACTIVATEURSDE PRISE DE CIMENT POUR COMPOSITIONS DE CIMENT A PRISE RETARDEE ET PROCEDES ASSOCIES**
[72] PISKLAK, THOMAS J., US
[72] AGAPIOU, KYRIACOS, US
[72] OTIENO, PAULINE A., US
[72] MORGAN, RONNIE G., US
[72] BOUL, PETER J., US
[72] BROTHERS, LANCE E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **HYDROCARBON RESOURCE HEATING APPARATUS INCLUDING RF CONTACTS AND GUIDE MEMBER AND RELATED METHODS**
[54] **APPAREIL DE CHAUFFAGE D'HYDROCARBURES COMPORTANT DES CONTACTS RF ET UN ELEMENT GUIDE, ET METHODES ASSOCIEES**
[72] WRIGHT, BRIAN N., US
[72] HANN, MURRAY T., US
[72] HEWIT, RAYMOND C., US
[72] LINKEWICH, ZACHARY LINC ALEXANDER, CA
[72] WATT, ALAN, CA
[73] HARRIS CORPORATION, US
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[51] **Int.Cl. F27B 3/28 (2006.01) F27B 3/08 (2006.01) H05B 7/148 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD TO ELECTRICALLY POWER AN ELECTRIC ARC FURNACE**
[54] **APPAREIL ET METHODE D'ALIMENTATION ELECTRIQUE D'UN FOUR A ARC ELECTRIQUE**
[72] GIGANTE, ENZO, IT
[72] MORDEGLIA, ANTONELLO, TH
[73] DANIELI AUTOMATION SPA, IT
[86] (2904967)
[87] (2904967)
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[51] **Int.Cl. H01R 25/16 (2006.01) H01R 35/04 (2006.01)**
[25] EN
[54] **EXPANDABLE AND ROTATABLE POWER STRIP**
[54] **BANDE D'ALIMENTATION EXTENSIBLE ET PIVOTANTE**
[72] NORIEGA, AIMET, US
[73] CREATIVE TECHNOLOGIES INVESTMENT, INC., US
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[87] (2905985)
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[54] **SURF WAKE DEVICE FOR A WATERCRAFT**
[54] **DISPOSITIF DE WAKEBOARD POUR EMBARCATION**
[72] WILHELM, JOSHUA, US
[73] WILHELM, JOSHUA, US
[86] (2906450)
[87] (2906450)
[22] 2015-09-29
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[25] EN
[54] **HYBRID, OFFLINE/ONLINE SPEECH TRANSLATION SYSTEM**
[54] **SYSTEME HYBRIDE EN LIGNE/HORS LIGNE DE TRADUCTION DE LA PAROLE**
[72] WAIBEL, NAOMI AOKI, US
[72] WAIBEL, ALEXANDER, US
[72] FUEGEN, CHRISTIAN, US
[72] ROTTMANN, KAY, US
[73] FACEBOOK, INC., US
[85] 2015-09-21
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[30] US (61/822,629) 2013-05-13
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[54] **METHODS FOR DETECTING MOLECULES IN A SAMPLE**
[54] **PROCEDES POUR DETECTER DES MOLECULES DANS UN ECHANTILLON**
[72] LARIJANI, BANAFSHE, GB
[72] PARKER, PETER, GB
[72] VEERIAH, SELVARAJU, GB
[73] THE FRANCIS CRICK INSTITUTE LIMITED, GB
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[54] **ALLIAGE DE MAGNESIUM EXEMPT D'ALUMINIUM**
[72] BRUHNKE, ULRICH, DE
[72] ANDERSECK, RALF, DE
[73] BRUHNKE, ULRICH, DE
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[30] DE (10 2013 006 169.5) 2013-04-10

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[25] EN
[54] **MECHANIC HELPER MACHINE PROTOTYPE**
[54] **PROTOTYPE DE MACHINERIE D'AIDE MECANIQUE**
[72] SOLEIMANLOO, GHOLAMALI, CA
[73] SOLEIMANLOO, GHOLAMALI, CA
[86] (2909481)
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[51] **Int.Cl. G09G 3/30 (2006.01) G02F 1/1333 (2006.01) G03B 21/14 (2006.01)**
[25] EN
[54] **MULTI-HALF-TONE IMAGING AND DUAL MODULATION PROJECTION/DUAL MODULATION LASER PROJECTION**
[54] **IMAGERIE EN DEMI-TEINTES MULTIPLES ET PROJECTION A MODULATION DOUBLE/PROJECTION LASER A MODULATION DOUBLE**
[72] RICHARDS, MARTIN J., US
[72] SHIELDS, JEROME, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
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[51] **Int.Cl. B65D 5/50 (2006.01) B65B 21/02 (2006.01) B65D 81/05 (2006.01)**
[25] EN
[54] **CARTON WITH ARTICLE PROTECTION FEATURE**
[54] **BOITE PLIANTE DOTEE D'UN ELEMENT DE PROTECTION D'ARTICLE**
[72] HOLLEY, JOHN MURDICK, JR., US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2015-10-15
[86] 2014-05-12 (PCT/US2014/037642)
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[30] US (61/855,305) 2013-05-13
[30] US (61/959,162) 2013-08-16
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[54] **IDENTIFYING AN EGRESS PORT OF A DEVICE**
[54] **IDENTIFICATION D'UN PORT DE SORTIE D'UN DISPOSITIF**
[72] ROPER, JEFFREY JOHN, GB
[73] ENTUITY LIMITED, GB
[85] 2015-10-16
[86] 2014-04-17 (PCT/EP2014/057962)
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[30] GB (1307131.1) 2013-04-19
[30] GB (1406568.4) 2014-04-11

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[25] EN
[54] **RAPID COUPLING**
[54] **RACCORD RAPIDE AVEC INDICATEUR DE VERROUILLAGE**
[72] HANSLI, WILLI, CH
[72] MULLER, URS, CH
[73] OETIKER SCHWEIZ AG, CH
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[25] EN
[54] **FUEL CELL SYSTEM AND CONTROL METHOD THEREFOR**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE COMMANDE ASSOCIEE**
[72] YAMAMOTO, KAZUO, JP
[72] IMANISHI, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[25] EN
[54] **INFORMATION TRANSMISSION AND PROCESSING SYSTEMS AND METHODS FOR FREIGHT CARRIERS**
[54] **SYSTEMES ET PROCEDES DE TRANSMISSION ET DE TRAITEMENT D'INFORMATIONS POUR DES TRANSPORTEURS DE MARCHANDISES**
[72] ROBERTS, RALPH L., US
[72] DECK, CHRIS, US
[72] CRANDALL, STEVE, US
[73] R & L CARRIERS, INC., US
[86] (2910842)
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[22] 2008-07-23
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[54] **INFORMATION TRANSMISSION AND PROCESSING SYSTEMS AND METHODS FOR FREIGHT CARRIERS**
[54] **SYSTEMES ET PROCEDES DE TRANSMISSION ET DE TRAITEMENT D'INFORMATIONS POUR DES TRANSPORTEURS DE MARCHANDISES**
[72] ROBERTS, RALPH L., US
[72] DECK, CHRIS, US
[72] CRANDALL, STEVE, US
[73] R & L CARRIERS, INC., US
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[25] EN
[54] **DYNAMICALLY ADJUSTING WIDTH OF BEAM BASED ON ALTITUDE**
[54] **REGLAGE DE MANIERE DYNAMIQUE DE LARGEUR DE FAISCEAU BASE SUR ALTITUDE**
[72] BEHROOZI, CYRUS, US
[72] TELLER, ERIC, US
[72] DEVAUL, RICHARD WAYNE, US
[73] X DEVELOPMENT LLC, US
[85] 2015-11-05
[86] 2014-04-23 (PCT/US2014/035085)
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[30] US (13/892,161) 2013-05-10

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[13] C
[51] **Int.Cl. F26B 5/00 (2006.01)**
[25] EN
[54] **DUAL TUMBLE DRYER UNIT AND SYSTEM**
[54] **SYSTEME ET UNITE DE SECHAGE A DOUBLE CULBUTAGE**
[72] PUCKETT, JOHN, US
[72] LEMNA, MARK S., US
[73] BARLEAN'S ORGANIC OILS, LLC, US
[85] 2015-11-06
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[30] US (61/826,891) 2013-05-23

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[51] **Int.Cl. H01M 2/10 (2006.01)**
[25] EN
[54] **ASSEMBLED-BATTERY STACKER AND ASSEMBLED BATTERY**
[54] **EMPILEUR DE PILE ASSEMBLEE ET PILE ASSEMBLEE**
[72] HAMADA, KOICHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-11-10
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[25] EN
[54] **LOW PROFILE HIGH EFFICIENCY MULTI-BAND REFLECTOR ANTENNAS**
[54] **ANTENNES A REFLECTEUR MULTIBANDE, A PROFIL BAS, DE HAUTE PERFORMANCE**
[72] CHANG, YUEH-CHI, US
[72] HENDRY, DAVID L., US
[72] MOVVA, ARAVIND B., US
[73] RAYTHEON COMPANY, US
[85] 2015-11-13
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[30] US (14/026,446) 2013-09-13

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[51] **Int.Cl. H04L 12/721 (2013.01) H04L 12/947 (2013.01) H04L 12/24 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IMPLEMENTING AND MANAGING VIRTUAL SWITCHES**
[54] **PROCEDE ET APPAREIL DESTINES A METTRE EN APPLICATION ET A GERER DES COMMUTATEURS VIRTUELS**
[72] CASADO, MARTIN, US
[72] INGRAM, PAUL S., US
[72] AMIDON, KEITH ERIC, US
[72] BALLAND, PETER J., III, US
[72] KOPONEN, TEEMU, US
[72] PFAFF, BENJAMIN LEVY, US
[72] PETTIT, JUSTIN, US
[72] GROSS, JESSE E., IV, US
[72] WENDLANDT, DANIEL J., US
[73] NICIRA, INC., US
[86] (2913167)
[87] (2913167)
[22] 2010-04-01
[62] 2,756,289
[30] US (61/165,875) 2009-04-01

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[13] C
[51] **Int.Cl. B64C 27/64 (2006.01) B64C 27/72 (2006.01)**
[25] EN
[54] **INDIVIDUAL BLADE CONTROL UTILIZING PNEUMATIC MUSCLES**
[54] **CONTROLE INDIVIDUEL D'AUBE EMPLOYANT DES MUSCLES PNEUMATIQUES**
[72] SCHANK, TROY, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2914139)
[87] (2914139)
[22] 2015-12-03
[30] US (14/559,339) 2014-12-03

[11] **2,914,272**
[13] C
[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **HYBRID APPROACH TO ASSISTED HISTORY MATCHING IN LARGE RESERVOIRS**
[54] **APPROCHE HYBRIDE DE MISE EN CORRESPONDANCE ASSISTEE D'HISTORIQUES DANS DE GRANDS RESERVOIRS**
[72] SINGH, AJAY PRATAP, US
[72] MIRZADEH, SAYED M., US
[72] MAUCEC, MARKO, US
[72] CARVAJAL, GUSTAVO, US
[72] KNABE, STEVEN PATTON, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-12-01
[86] 2013-08-16 (PCT/US2013/055463)
[87] (WO2015/002660)
[30] US (61/843,108) 2013-07-05

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[13] C
[51] **Int.Cl. B08B 5/02 (2006.01) B08B 9/023 (2006.01)**
[25] EN
[54] **A MACHINE FOR CLEANING A SECTION OF PIPELINE**
[54] **UNE MACHINE SERVANT A NETTOYER UNE SECTION DE PIPELINE**
[72] DAYKIN, DAMIAN, GB
[72] MCCORMACK, CHRISTOPHER, GB
[72] HOLLAND, NICHOLAS, GB
[73] PIPELINE INDUCTION HEAT LIMITED, GB
[86] (2914296)
[87] (2914296)
[22] 2015-12-07
[30] GB (1421792.1) 2014-12-08

[11] **2,914,587**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **AMBIGUOUS STRUCTURED SEARCH QUERIES ON ONLINE SOCIAL NETWORKS**
[54] **INTERROGATIONS DE RECHERCHE STRUCTUREES AMBIGUES SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] LEE, YOFAY KARI, US
[72] PEIRIS, KEITH L., US
[72] MASCHMEYER, WILLIAM R., US
[72] RASMUSSEN, LARS EILSTRUP, US
[72] DUCK, JOSHUA KEITH, US
[73] FACEBOOK, INC., US
[86] (2914587)
[87] (2914587)
[22] 2013-12-19
[62] 2,895,892
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[30] EP (13197982.5) 2013-12-18

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[51] **Int.Cl. H04W 28/04 (2009.01) H04W 72/06 (2009.01) H04W 72/12 (2009.01) H04W 52/02 (2009.01)**
[25] EN
[54] **RANK INDICATOR TRANSMISSION DURING DISCONTINUOUS RECEPTION**
[54] **TRANSMISSION D'INDICATEUR DE RANG PENDANT UNE RECEPTION DISCONTINUE**
[72] YU, YI, US
[72] WOMACK, JAMES EARL, US
[72] CAI, ZHIJUN, US
[73] BLACKBERRY LIMITED, CA
[86] (2914873)
[87] (2914873)
[22] 2009-03-04
[62] 2,719,818
[30] US (12/058,444) 2008-03-28

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[13] C
[51] **Int.Cl. G10L 19/005 (2013.01) G10L 19/09 (2013.01) G10L 25/90 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR IMPROVED SIGNAL FADE OUT FOR SWITCHED AUDIO CODING SYSTEMS DURING ERROR CONCEALMENT**
[54] **APPAREIL ET PROCEDE POUR UN FONDU AU NOIR DE SIGNAL AMELIORE POUR DES SYSTEMES DE CODAGE AUDIO COMMUTES DURANT UN MASQUAGE D'ERREURS**
[72] SCHNABEL, MICHAEL, DE
[72] MARKOVIC, GORAN, DE
[72] SPERSCHNEIDER, RALPH, DE
[72] LECOMTE, JEREMIE, DE
[72] HELMRICH, CHRISTIAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-12-09
[86] 2014-06-23 (PCT/EP2014/063171)
[87] (WO2014/202784)
[30] EP (13173154.9) 2013-06-21
[30] EP (14166998.6) 2014-05-05

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[13] C
[51] **Int.Cl. E02D 29/12 (2006.01) E02D 29/14 (2006.01)**
[25] EN
[54] **MANHOLE FRAME WITH ONE OR MORE HANDHOLDS**
[54] **CADRE DE TROU D'HOMME MUNI D'UNE OU PLUSIEURS POIGNEES DE MAINTIEN**
[72] ARMSTRONG, RONALD, CA
[73] ARMSTRONG, RONALD, CA
[85] 2015-12-17
[86] 2014-07-08 (PCT/CA2014/050649)
[87] (WO2015/010196)
[30] US (61/856,912) 2013-07-22

[11] **2,917,021**
[13] C
[51] **Int.Cl. F03D 80/30 (2016.01) F03D 1/06 (2006.01)**
[25] EN
[54] **WIND POWER GENERATION APPARATUS WITH LIGHTNING RECEIVING SECTION**
[54] **APPAREIL DE PRODUCTION D'ENERGIE EOLIENNE DOTE D'UNE SECTION DE RECEPTION DE FOUDRE**
[72] SHIRAISHI, TAKASHI, JP
[72] HASHIMOTO, TAKASHI, JP
[72] EATO, HIROSHI, JP
[73] HITACHI, LTD., JP
[86] (2917021)
[87] (2917021)
[22] 2016-01-08
[30] JP (2015-019509) 2015-02-03

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[51] **Int.Cl. B61L 27/00 (2006.01) B61L 19/06 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR OPERATING FUNCTIONAL UNITS ARRANGED IN A DECENTRALIZED MANNER**
[54] **EQUIPEMENT ET PROCEDE POUR FAIRE FONCTIONNER DES UNITES FONCTIONNELLES DECENTRALISEES**
[72] REICHLIN, ANTON, CH
[73] SIEMENS SCHWEIZ AG, CH
[85] 2015-12-30
[86] 2014-06-25 (PCT/EP2014/063358)
[87] (WO2015/000757)
[30] EP (13174634.9) 2013-07-02
[30] EP (13178451.4) 2013-07-30

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[13] C
[51] **Int.Cl. C04B 22/06 (2006.01) C04B 24/00 (2006.01) C04B 28/00 (2006.01)**
[25] EN
[54] **METHODS OF CEMENTING AND SPENT CRACKING CATALYST-CONTAINING CEMENT COMPOSITIONS**
[54] **PROCEDES DE CIMENTATION ET CATALYSEUR DE CRAQUAGE USE CONTENANT DES COMPOSITIONS DE CIMENT**
[72] PANDEY, VANDANA NEERAJ, IN
[72] PATIL, RAHUL CHANDRAKANT, IN
[72] KOYITTI, REMITHA ANANDOTH, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-04
[86] 2013-08-05 (PCT/US2013/053548)
[87] (WO2015/020623)

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[13] C
[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **A LIGHT EMITTING DIODE (LED) LAMP REPLACEMENT DRIVER FOR LINEAR FLUORESCENT LAMPS**
[54] **CIRCUIT D'ATTAQUE DE RECHANGE DE LAMPE A DIODE ELECTROLUMINESCENTE (LED) POUR LAMPES FLUORESCENTES LINEAIRES**
[72] DANKOVITS, PETER, HU
[72] NOVAK, KRISZTIAN, HU
[72] ZALKA, PETER, HU
[73] GENERAL ELECTRIC COMPANY, US
[85] 2016-01-07
[86] 2014-07-09 (PCT/US2014/045841)
[87] (WO2015/006385)
[30] US (13/939,245) 2013-07-11

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[13] C
[51] **Int.Cl. B62B 3/02 (2006.01) B62B 5/06 (2006.01)**
[25] EN
[54] **LOAD CARRIER WITH MODE CHANGER**
[54] **PORTE-CHARGE EQUIPE D'UN DISPOSITIF DE CHANGEMENT DE MODE**
[72] GIBSON, WILLIAM R., US
[73] DOREL HOME FURNISHINGS, INC., US
[85] 2016-01-12
[86] 2014-07-14 (PCT/US2014/046490)
[87] (WO2015/006760)
[30] US (61/845,648) 2013-07-12

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4709 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 487/04 (2006.01) C07D 519/00 (2006.01)**
[25] FR
[54] **NOVEL INDOLIZINE DERIVATIVES, METHOD FOR THE PRODUCTION THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME**
[54] **NOUVEAUX DERIVES D'INDOLIZINE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[72] LE TIRAN, ARNAUD, FR
[72] LE DIGUARHER, THIERRY, FR
[72] STARCK, JEROME-BENOIT, FR
[72] HENLIN, JEAN-MICHEL, FR
[72] DE NANTEUIL, GUILLAUME, FR
[72] GENESTE, OLIVIER, FR
[72] DAVIDSON, JAMES EDWARD PAUL, GB
[72] MURRAY, JAMES BROOKE, GB
[72] CHEN, I-JEN, GB
[73] LES LABORATOIRES SERVIER, FR
[73] VERNALIS (R&D) LIMITED, GB
[85] 2016-01-13
[86] 2014-07-22 (PCT/FR2014/051885)
[87] (WO2015/011397)
[30] FR (13/57265) 2013-07-23

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[13] C
[51] **Int.Cl. B24B 33/08 (2006.01)**
[25] FR
[54] **HONING TOOL FOR THE EXTERNAL SURFACE OF A STRAIGHT CYLINDRICAL TUBE**
[54] **OUTIL DE RODAGE D'UNE SURFACE EXTERNE D'UN TUBE CYLINDRIQUE DROIT**
[72] LABELLE, NORMAND, CA
[72] CACERES, ALAN, CA
[72] NGUYEN, NHU, CA
[73] MESSIER-BUGATTI-DOWTY, FR
[86] (2918614)
[87] (2918614)
[22] 2016-01-21
[30] FR (15 50558) 2015-01-23

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[13] C
[51] **Int.Cl. G10L 19/005 (2013.01) G10L 19/00 (2013.01) H04L 1/00 (2006.01)**
[25] EN
[54] **AUDIO SIGNAL PROCESSING DEVICE AND AUDIO SIGNAL PROCESSING METHOD FOR MITIGATING SUDDEN INCREASE IN AMPLITUDE OF DECODED AUDIO**
[54] **APPAREIL DE TRAITEMENT DE SIGNAL AUDIO ET METHODE DE TRAITEMENT DE SIGNAL AUDIO DESTINEE A ATTENUER L'AUGMENTATION SOUDAINE DE L'AMPLITUDE DU SIGNAL AUDIO DECODE**
[72] TSUTSUMI, KIMITAKA, JP
[72] KIKUIRI, KEI, JP
[72] YAMAGUCHI, ATSUSHI, JP
[73] NTT DOCOMO, INC., JP
[85] 2016-01-19
[86] 2014-10-10 (PCT/JP2014/077215)
[87] (WO2015/064346)
[30] JP (2013-224120) 2013-10-29

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[13] C
[51] **Int.Cl. G10L 19/028 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DECODING OR ENCODING AN AUDIO SIGNAL USING ENERGY INFORMATION VALUES FOR A RECONSTRUCTION BAND**
[54] **APPAREIL ET PROCEDE POUR DECODER OU CODER UN SIGNAL AUDIO A L'AIDE DE VALEURS D'INFORMATIONS D'ENERGIE POUR UNE BANDE DE RECONSTRUCTION**
[72] NIEDERMEIER, ANDREAS, DE
[72] ERTEL, CHRISTIAN, DE
[72] GEIGER, RALF, DE
[72] GHIDO, FLORIN, DE
[72] HELMRICH, CHRISTIAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-20
[86] 2014-07-15 (PCT/EP2014/065110)
[87] (WO2015/010949)
[30] EP (EP13177348) 2013-07-22
[30] EP (EP13177350) 2013-07-22
[30] EP (EP13177353) 2013-07-22
[30] EP (EP13177346) 2013-07-22
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[51] **Int.Cl. A23G 1/00 (2006.01) A23G 1/20 (2006.01) A23G 1/22 (2006.01) A23G 3/34 (2006.01) A23G 7/00 (2006.01) B65B 47/04 (2006.01) B65B 47/10 (2006.01)**
[25] EN
[54] **FOOD ITEM**
[54] **ARTICLE ALIMENTAIRE**
[72] DHADDA, JASWINDER SINGH, US
[72] ANDREWS, RICHARD JOHN, US
[73] KRAFT FOODS R&D, INC., US
[85] 2016-01-20
[86] 2014-07-23 (PCT/IB2014/063330)
[87] (WO2015/019227)
[30] GB (1314109.8) 2013-08-07

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[13] C
[51] **Int.Cl. H04L 1/04 (2006.01) H04L 1/00 (2006.01) H04L 1/08 (2006.01) H04L 1/18 (2006.01)**
[25] EN
[54] **LOW RATE DATA COMMUNICATION**
[54] **COMMUNICATION DE DONNEES A BAS DEBIT**
[72] VERMANI, SAMEER, US
[72] TIAN, BIN, US
[72] TANDRA, RAHUL, US
[72] SAMPATH, HEMANTH, US
[72] MERLIN, SIMONE, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-01-19
[86] 2014-08-26 (PCT/US2014/052656)
[87] (WO2015/031330)
[30] US (61/871,241) 2013-08-28
[30] US (14/467,894) 2014-08-25

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[13] C
[51] **Int.Cl. A61K 9/28 (2006.01) A61K 9/20 (2006.01) A61K 9/22 (2006.01) A61K 31/155 (2006.01)**
[25] EN
[54] **COMBINATION FORMULATION CONTAINING SUSTAINED RELEASE METFORMIN AND IMMEDIATE RELEASE HMG-COA REDUCTASE INHIBITOR**
[54] **FORMULE DE COMBINAISON RENFERMANT DE LA METFORMINE A LIBERATION PROLONGEE ET UN INHIBITEUR DE REDUCTASE HMG-COA A LIBERATION IMMEDIATE**
[72] KANG, KWI MAN, KR
[72] PARK, YOUNG JOON, KR
[72] PARK, JUN HONG, KR
[72] LEE, JI EUN, KR
[72] YOON, SEOK KEE, KR
[72] KIM, YU JEONG, KR
[72] OH, TACK OON, KR
[72] CHO, TAE KEUN, KR
[73] CJ HEALTHCARE CORPORATION, KR
[85] 2016-01-20
[86] 2014-07-25 (PCT/KR2014/006797)
[87] (WO2015/012633)
[30] KR (10-2013-0088339) 2013-07-25

[11] **2,919,523**
[13] C
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING PAYMENT CREDENTIALS**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE JUSTIFICATIFS D'IDENTITE DE PAIEMENT**
[72] HUXHAM, HORATIO NELSON, ZA
[73] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2016-01-25
[86] 2014-08-13 (PCT/IB2014/063894)
[87] (WO2015/022651)
[30] ZA (2013/06161) 2013-08-15

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[13] C
[51] **Int.Cl. E21B 4/02 (2006.01) E21B 4/04 (2006.01)**
[25] EN
[54] **DOWNHOLE DRILLING MOTOR**
[54] **MOTEUR DE FORAGE DE FOND DE TROU**
[72] D'SILVA, ALBEN, CA
[72] ESTRADA, EDGAR A., CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-26
[86] 2013-08-29 (PCT/US2013/057341)
[87] (WO2015/030778)

[11] **2,919,934**
[13] C
[51] **Int.Cl. A61L 2/20 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR HYDROGEN PEROXIDE STERILIZATION**
[54] **METHODE ET DISPOSITIF DE STERILISATION AU PEROXYDE D'HYDROGENE**
[72] RULEY, ARJA, FI
[72] SALMISUO, MAURI, FI
[73] STERIS EUROPE, INC. SUOMEN SIVULIIKE, FI
[86] (2919934)
[87] (2919934)
[22] 2016-02-04
[30] EP (15397506.5) 2015-02-13

[11] **2,920,199**
[13] C
[51] **Int.Cl. A61J 3/00 (2006.01) A61J 1/20 (2006.01)**
[25] EN
[54] **COMPOUNDING SYSTEMS AND METHODS FOR SAFE MEDICAMENT TRANSPORT**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE MELANGER ET DE TRANSPORTER UN MEDICAMENT EN TOUTE SECURITE**
[72] GARFIELD, JARED, US
[72] LYON, GREGORY, US
[73] J&J SOLUTIONS, INC. D.B.A CORVIDA MEDICAL, US
[85] 2016-02-02
[86] 2014-08-04 (PCT/US2014/049609)
[87] (WO2015/017858)
[30] US (61/861,680) 2013-08-02
[30] US (61/984,144) 2014-04-25

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[13] C
[51] **Int.Cl. A61C 17/16 (2006.01) F16H 25/18 (2006.01) H02K 33/00 (2006.01)**
[25] EN
[54] **SPRING MECHANISM FOR POWER DEVICE**
[54] **MECANISME A RESSORT POUR DISPOSITIF DE PUISSANCE**
[72] DISHON, BRYAN J., US
[72] KOLLAR, KEVIN J., US
[73] RANIR, LLC, US
[86] (2920265)
[87] (2920265)
[22] 2016-02-08
[30] US (14/661,680) 2015-03-18
[30] US (14/801,968) 2015-07-17

[11] **2,921,263**
[13] C
[51] **Int.Cl. B32B 18/00 (2006.01) B32B 37/00 (2006.01) B32B 38/08 (2006.01) C04B 41/87 (2006.01)**
[25] EN
[54] **LAMINATE STRUCTURE FABRICATED USING CHEMICAL VAPOR INFILTRATION (CVI)**
[54] **STRUCTURE STRATIFIEE FABRIQUEE A L'AIDE D'INFILTRATION EN PHASE VAPEUR**
[72] WEAVER, JARED HOGG, US
[72] RAMAMURTHI, BADRI NARAYAN, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2921263)
[87] (2921263)
[22] 2016-02-18
[30] US (14/633,347) 2015-02-27

[11] **2,921,478**
[13] C
[51] **Int.Cl. E21B 10/28 (2006.01)**
[25] EN
[54] **DRILL HEAD FOR EXPANDING A PILOT BORE IN ORDER TO CREATE A BOREHOLE**
[54] **TETE DE FORAGE PERMETTANT D'ELARGIR UN FORAGE PILOTE POUR PRODUIRE UN TROU FORE**
[72] LUBBERGER, MICHAEL, DE
[72] GERHARDT, TOBIAS, DE
[73] HERRENKNECHT AG, DE
[85] 2016-02-16
[86] 2014-08-08 (PCT/EP2014/002179)
[87] (WO2015/022065)
[30] DE (10 2013 013 477.3) 2013-08-15

[11] **2,921,782**
[13] C
[51] **Int.Cl. F02F 1/24 (2006.01) F02B 19/00 (2006.01) F02F 1/42 (2006.01) F02P 13/00 (2006.01)**
[25] EN
[54] **CYLINDER HEAD**
[54] **TETE DE CYLINDRE**
[72] JACOB, RAPHAEL, DE
[73] GE JENBACHER GMBH & CO OG, AT
[86] (2921782)
[87] (2921782)
[22] 2016-02-24
[30] AT (A 50160/2015) 2015-02-27

[11] **2,921,893**
[13] C
[51] **Int.Cl. H04N 7/08 (2006.01) H04N 21/236 (2011.01)**
[25] EN
[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD FOR TRANSMITTING BROADCAST SIGNALS AND METHOD FOR RECEIVING BROADCAST SIGNALS**
[54] **APPAREIL DE TRANSMISSION DE SIGNAUX DE DIFFUSION, APPAREIL DE RECEPTION DE SIGNAUX DE DIFFUSION, PROCEDE DE TRANSMISSION DE SIGNAUX DE DIFFUSION ET PROCEDE DE RECEPTION DE SIGNAUX DE DIFFUSION**
[72] KWON, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[72] MOON, KYOUNGSOO, KR
[72] KO, WOOSUK, KR
[72] OH, SEJIN, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-02-19
[86] 2014-08-19 (PCT/KR2014/007690)
[87] (WO2015/026137)
[30] US (61/867,163) 2013-08-19

[11] **2,922,141**
[13] C
[51] **Int.Cl. H05F 3/02 (2006.01)**
[25] EN
[54] **GROUNDING ROPE FOR A SHAFT GROUNDING APPARATUS OF A DYNAMO-ELECTRIC MACHINE**
[54] **CABLE DE MISE A LA TERRE POUR APPAREIL DE MISE A LA TERRE D'ARBRE D'UNE MACHINE DYNAMO-ELECTRIQUE**
[72] CUTSFORTH, ROBERT S., US
[72] KAMMERER, JASON R., US
[73] CUTSFORTH, INC., US
[85] 2016-02-22
[86] 2014-09-08 (PCT/US2014/054480)
[87] (WO2015/035277)
[30] US (14/020,992) 2013-09-09

[11] **2,922,309**
[13] C
[51] **Int.Cl. C07C 2/08 (2006.01) B01J 38/00 (2006.01)**
[25] EN
[54] **REGENERATION OF A HETEROGENEOUS CATALYST USED IN ETHENE OLIGOMERIZATION**
[54] **REGENERATION DE CATALYSEUR HETEROGENE UTILISE DANS L'OLIGOMERISATION DE L'ETHENE**
[72] STOCHNIOL, GUIDO, DE
[72] PEITZ, STEPHAN, DE
[72] MASCHMEYER, DIETRICH, DE
[72] REEKER, HELENE, DE
[73] EVONIK DEGUSSA GMBH, DE
[86] (2922309)
[87] (2922309)
[22] 2016-03-01
[30] EP (15 157 358.1) 2015-03-03

[11] **2,923,349**
[13] C
[51] **Int.Cl. A23K 10/30 (2016.01) A23K 20/00 (2016.01) A23K 20/142 (2016.01) A23K 20/158 (2016.01) A23K 20/163 (2016.01) A23K 20/174 (2016.01) A23K 20/20 (2016.01) A23K 50/40 (2016.01)**
[25] EN
[54] **PET FOOD COMPOSITIONS FOR INDUCING A SATIETY RESPONSE**
[54] **COMPOSITIONS D'ALIMENTS POUR ANIMAUX DE COMPAGNIE PERMETTANT D'INDUIRE UNE REPONSE DE SATIETE**
[72] AL-MURRANI, SAMER, US
[73] HILL'S PET NUTRITION, INC., US
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[87] (2923349)
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[54] **LAMP ASSEMBLY FOR A THERMOGRAPHIC NONDESTRUCTIVE EVALUATION SYSTEM**
[54] **ENSEMBLE DE LAMPE POUR UN SYSTEME D'EVALUATION THERMOGRAPHIQUE NON DESTRUCTEUR**
[72] HOWARD, DONALD ROBERT, US
[72] RINGERMACHER, HARRY ISRAEL, US
[72] FAIDI, WASEEM IBRAHIM, US
[72] KNIGHT, BRYON EDWARD, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2016-03-10
[86] 2014-09-10 (PCT/US2014/054871)
[87] (WO2015/047726)
[30] US (14/037,621) 2013-09-26

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[51] **Int.Cl. F25J 3/08 (2006.01) B01D 53/00 (2006.01) C01B 17/16 (2006.01) F25J 3/02 (2006.01)**
[25] EN
[54] **PURIFICATION OF CARBON DIOXIDE**
[54] **PURIFICATION DE DIOXYDE DE CARBONE**
[72] HIGGINBOTHAM, PAUL, US
[72] PALAMARA, JOHN EUGENE, US
[72] GUVELIOGLU, GALIP HAKAN, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2016-03-14
[86] 2013-10-25 (PCT/US2013/066927)
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[51] **Int.Cl. B23K 9/32 (2006.01) B23K 9/26 (2006.01) B26F 1/26 (2006.01) F23D 14/48 (2006.01) H05H 1/34 (2006.01)**
[25] EN
[54] **THREAD CONNECTION FOR A TORCH SYSTEM**
[54] **RACCORD FILETE POUR UN SYSTEME DE TORCHE**
[72] JOGDAND, HARSHAWARDHAN, US
[72] LIEBOLD, STEPHEN M., US
[72] SANDERS, NICHOLAS A., US
[73] HYPERTHERM, INC., US
[85] 2016-03-15
[86] 2014-09-19 (PCT/US2014/056546)
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[30] US (14/031,420) 2013-09-19
[30] US (61/991,114) 2014-05-09

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[51] **Int.Cl. H02K 3/487 (2006.01) H02K 3/30 (2006.01) H02K 3/493 (2006.01)**
[25] EN
[54] **SLOT SEALING MATERIAL, SLOT SEAL AND METHOD FOR PRODUCING A SLOT SEAL**
[54] **MATIERE DE FERMETURE D'ENCOCHE, FERMETURE D'ENCOCHE ET PROCEDE DE FABRICATION D'UNE FERMETURE D'ENCOCHE**
[72] HUBER, JURGEN, DE
[72] KLAUSSNER, BERNHARD, DE
[72] SCHIRM, DIETER, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-03-24
[86] 2014-09-15 (PCT/EP2014/069581)
[87] (WO2015/043991)
[30] DE (10 2013 219 485.4) 2013-09-27
[30] EP (13192808.7) 2013-11-14

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[51] **Int.Cl. A61F 11/00 (2006.01) A61N 1/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THE SIMULTANEOUS BILATERAL TREATMENT OF TARGET TISSUES WITHIN THE EARS**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT BILATERAL SIMULTANE DE TISSUS CIBLES DANS LES OREILLES**
[72] CLIFFORD, ANTON G., US
[72] LIU, GREGORY, US
[72] MORRISS, JOHN H., US
[72] MAKOWER, JOSHUA, US
[72] FACTEAU, WILLIAM M., US
[72] GOLDFARB, ERIC, US
[72] CHANG, JOHN Y., US
[72] SHAHOIAN, ERIK JAMES, US
[73] TUSKER MEDICAL, INC., US
[86] (2925902)
[87] (2925902)
[22] 2008-04-18
[62] 2,684,469
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[51] **Int.Cl. F02C 7/22 (2006.01) F02C 7/232 (2006.01) F23R 3/28 (2006.01)**
[25] EN
[54] **THERMALLY-COUPLED FUEL MANIFOLD**
[54] **COLLECTEUR DE CARBURANT A COUPLAGE THERMIQUE**
[72] WOLFE, JARED MATTHEW, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2926072)
[87] (2926072)
[22] 2016-04-07
[30] US (14/685,631) 2015-04-14

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[51] **Int.Cl. A61K 31/721 (2006.01) A61K 33/30 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **ANTI-INFLAMMATORY COMPOSITION FOR AIDING AND PROMOTING HEALING OF CHRONIC ULCERATIVE LESIONS**
[54] **COMPOSITION ANTI-INFLAMMATOIRE POUR COADJUVER ET FAVORISER LE PROCESSUS DE CICATRISATION DE LESIONS ULCEREUSES CHRONIQUES**
[72] CUETO GARCIA, JORGE, MX
[73] PEBISUT DE MEXICO S.A. DE C.V., MX
[85] 2016-03-31
[86] 2014-10-01 (PCT/MX2014/000152)
[87] (WO2015/050425)
[30] MX (MX/a/2013/011471) 2013-10-02

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[25] EN
[54] **COMPOSITIONS CONTAINING NUCLEOSIDES AND MANGANESE AND THEIR USES**
[54] **COMPOSITIONS CONTENANT DES NUCLEOSIDES ET DU MANGANESE ET UTILISATION DE CELLES-CI**
[72] DALY, MICHAEL J., US
[72] GAIDAMAKOVA, ELENA K., US
[72] MATROSOVA, VERA K., US
[72] LEVINE, RODNEY L., US
[72] WEHR, NANCY B., US
[73] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[86] (2926481)
[87] (2926481)
[22] 2008-08-18
[62] 2,695,950
[30] US (60/935,494) 2007-08-16

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[13] C
[51] **Int.Cl. A47B 61/04 (2006.01) A47F 7/08 (2006.01)**
[25] EN
[54] **ADJUSTABLE SHOE RACK**
[54] **SUPPORT A CHAUSSURE CHANGEABLE**
[72] CHIANG, CHUN-YI, TW
[72] CHIANG, CHUN-HSIEN, TW
[73] CHIANG, CHUN-YI, TW
[73] CHIANG, CHUN-HSIEN, TW
[86] (2926498)
[87] (2926498)
[22] 2016-04-08

[11] **2,926,787**
[13] C
[51] **Int.Cl. C09K 8/035 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REDUCING TREATING PRESSURE OF CROSSLINKED CARBOXYMETHYL CELLULOSE-BASED FRACTURING FLUIDS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE REDUIRE LA PRESSION DE TRAITEMENT DE FLUIDES DE FRACTURATION A BASE DE CARBOXYMETHYLCELLULOSE RETICULEE**
[72] HU, YUNTAO THOMAS, US
[72] RUSSELL, AARON GENE, US
[72] HOLTSCLAW, JEREMY, US
[72] SINGH, DIPTI, US
[72] SCHNOOR, ELI ALLEN, US
[72] DURBIN, DONALD V., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-07
[86] 2013-11-11 (PCT/US2013/069482)
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[11] **2,926,986**
[13] C
[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **METHOD FOR DECODING AND ENCODING A DOWNMIX MATRIX, METHOD FOR PRESENTING AUDIO CONTENT, ENCODER AND DECODER FOR A DOWNMIX MATRIX, AUDIO ENCODER AND AUDIO DECODER**
[54] **PROCEDE DE DECODAGE ET D'ENCODAGE D'UNE MATRICE A REDUCTION PAR MIXAGE, PROCEDE DE PRESENTATION DE CONTENU AUDIO, ENCODEUR ET DECODEUR POUR UNE MATRICE A REDUCTION PAR MIXAGE, ENCODEUR AUDIO ET DECODEUR AUDIO**
[72] GHIDO, FLORIN, DE
[72] KUNTZ, ACHIM, DE
[72] GRILL, BERNHARD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-04-11
[86] 2014-10-13 (PCT/EP2014/071929)
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[30] EP (13189770.4) 2013-10-22

[11] **2,927,190**
[13] C
[51] **Int.Cl. H04R 1/30 (2006.01) H04R 27/00 (2006.01)**
[25] EN
[54] **ACOUSTIC COLLECTION SYSTEM FOR HANDHELD ELECTRONIC DEVICES**
[54] **SYSTEME DE COLLECTE ACOUSTIQUE POUR DISPOSITIFS ELECTRONIQUES PORTABLES**
[72] MULUMUDI, MAHESH S., US
[72] MULUMUDI, SUMAN K., US
[73] STRATOSCIENTIFIC INC., US
[85] 2016-04-12
[86] 2014-10-14 (PCT/US2014/060493)
[87] (WO2015/057712)
[30] US (14/054,656) 2013-10-15

[11] **2,927,268**
[13] C
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/28 (2006.01)**
[25] EN
[54] **METHODS FOR POSITIONING NEIGHBORING NOZZLES OF A GAS TURBINE ENGINE**
[54] **METHODES DE POSITIONNEMENT DE BUSES VOISINES D'UN MOTEUR DE TURBINE A GAZ**
[72] HETTMAN, BRYCE LORING, US
[72] MURPHY, STEVEN JAMES, US
[72] SENILE, DARRELL GLENN, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2927268)
[87] (2927268)
[22] 2016-04-14
[30] US (14/692,818) 2015-04-22

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[13] C
[51] **Int.Cl. B65B 7/28 (2006.01)**
[25] EN
[54] **METHOD FOR FILLING, SEAMING, DISTRIBUTING AND SELLING A BEVERAGE IN A METALLIC CONTAINER AT A SINGLE LOCATION**
[54] **PROCEDE DE REMPLISSAGE, DE SOUDURE, DE DISTRIBUTION ET DE VENTE D'UNE BOISSON DANS UN RECIPIENT METALLIQUE EN UN SEUL LIEU**
[72] BILLINGS, JAMES W., US
[73] BALL CORPORATION, US
[85] 2016-04-14
[86] 2014-10-09 (PCT/US2014/059832)
[87] (WO2015/065673)
[30] US (61/896,516) 2013-10-28
[30] US (14/297,163) 2014-06-05

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[13] C
[51] **Int.Cl. F04D 29/00 (2006.01) F04D 13/08 (2006.01) F04D 29/06 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **FLEXIBLE HOSE FOR BELLOWS PRESSURE EQUALIZER OF ELECTRICAL SUBMERSIBLE WELL PUMP**
[54] **TUYAU FLEXIBLE DESTINE A UN EGALISATEUR DE PRESSION A SOUFFLETS D'UNE POMPE DE PUITS SUBMERSIBLE ELECTRIQUE**
[72] PYRON, STEVEN W., US
[72] MCKINNEY, KELSEY A, US
[72] PATTERSON, ROBERT CLAY, US
[72] BIERIG, KEVIN R., US
[73] BAKER HUGHES INCORPORATED, US
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[87] (2927882)
[22] 2016-04-21
[30] US (62/151661) 2015-04-23

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[13] C
[51] **Int.Cl. A61L 27/34 (2006.01)**
[25] EN
[54] **PARTICULATE ALLOPLASTIC BONE REPLACEMENT MATERIAL AND METHOD FOR PRODUCING A FREE-FORMED POROUS BODY**
[54] **MATERIAU DE REMPLACEMENT ALLOPLASTIQUE PARTICULAIRE ET METHODE DE PRODUCTION D'UN CORPS POREUX A FORME LIBRE**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2928070)
[87] (2928070)
[22] 2016-04-25
[30] DE (10 2015 107 600.4) 2015-05-13

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[51] **Int.Cl. H04W 4/021 (2018.01)**
[25] EN
[54] **LOCATION BASED INFORMATION SERVICE APPLICATION**
[54] **APPLICATION DE SERVICE D'INFORMATION FONDEE SUR L'EMPLACEMENT**
[72] LABRIE, MARTIN, CA
[73] LABRIE, MARTIN, CA
[86] (2928191)
[87] (2928191)
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[51] **Int.Cl. E21B 17/03 (2006.01) E21B 19/16 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **LINER HANGER SETTING TOOL AND METHOD FOR USE OF SAME**
[54] **OUTIL DE MISE EN PLACE DE DISPOSITIF DE SUSPENSION DE CREPINE ET SON PROCEDE D'UTILISATION**
[72] JACKSON, ALAN TANCEL, US
[72] GHARESI, ABDOLREZA, US
[72] CRAMP, STEVEN JOHN, NO
[72] HUMPHREY, RYAN THOMAS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-25
[86] 2013-12-05 (PCT/US2013/073220)
[87] (WO2015/084355)

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[51] **Int.Cl. F24F 13/02 (2006.01)**
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[54] **FLANGE CORNER CLIP**
[54] **PINCE DE COIN DE BRIDE**
[72] MUTZENEEK, JAMES, CA
[73] MUTZENEEK, JAMES, CA
[86] (2928800)
[87] (2928800)
[22] 2016-05-04
[30] US (62/156,590) 2015-05-04

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[51] **Int.Cl. B65H 3/06 (2006.01) B65H 1/06 (2006.01) B65H 3/04 (2006.01) B65H 3/30 (2006.01) B65H 3/54 (2006.01)**
[25] EN
[54] **PLACEMENT STATION FOR PLACING FLAT ITEMS AND FEEDING THEM TO A SINGULARIZATION STATION AND METHOD**
[54] **POSTE DE POSITIONNEMENT SERVANT A PLACER DES ARTICLES PLATS ET A LES TRANSPORTER VERS UN POSTE DE SINGULARISATION, ET METHODE**
[72] ORTMANN, AXEL, DE
[72] MUHL, WOLFGANG, DE
[73] FRANCOTYP-POSTALIA GMBH, DE
[86] (2928803)
[87] (2928803)
[22] 2016-05-04
[30] DE (20 2015 102 333.2) 2015-05-07
[30] DE (20 2016 101 920.6) 2016-04-12
[30] DE (20 2016 102 202.9) 2016-04-26

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[51] **Int.Cl. F01D 25/16 (2006.01) F01D 25/24 (2006.01) F01D 25/28 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **SYSTEM FOR SUPPORTING ROTOR SHAFTS OF AN INDIRECT DRIVE TURBOFAN ENGINE**
[54] **SYSTEME DE SUPPORT D'ARBRES DE ROTOR D'UN MOTEUR DE TURBO A ENTRAINEMENT DIRECT**
[72] GLYNN, CHRISTOPHER CHARLES, US
[72] KUHNE, CRAIG MILLER, US
[72] MILLER, BRANDON WAYNE, US
[72] ZATORSKI, DAREK TOMASZ, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2928979)
[87] (2928979)
[22] 2016-05-05
[30] US (14/711,047) 2015-05-13

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[13] C
[51] **Int.Cl. A61B 5/1495 (2006.01) A61B 5/1473 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETECTING THE HYDRATION OF SENSORS**
[54] **PROCEDES ET SYSTEMES POUR DETECTER L'HYDRATATION DE CAPTEURS**
[72] SHAH, RAJIV, US
[72] MORGAN, WAYNE A., US
[72] CHOY, DAVID Y., US
[72] HENKE, JAMES L., US
[72] REGHABI, BAHAR, US
[72] SOUNDARARAJAN, GOPIKRISHNAN, US
[72] SCHULTZ, PETER, US
[72] HOSS, UDO, US
[73] MEDTRONIC MINIMED, INC., US
[86] (2930100)
[87] (2930100)
[22] 2006-12-21
[62] 2,847,273
[30] US (11/323242) 2005-12-30

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[13] C
[51] **Int.Cl. F16B 2/00 (2006.01)**
[25] EN
[54] **CABLE TIE HEAD**
[54] **TETE D'ATTACHE DE CABLE**
[72] DRANE, MARK R., US
[72] GAO, YAN, US
[72] NORWOOD, BOBBY N., US
[72] DINH, CONG T., US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2930137)
[87] (2930137)
[22] 2013-04-04
[62] 2,811,505
[30] US (61/644,079) 2012-05-08
[30] US (13/790,452) 2013-03-08

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[13] C
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/22 (2006.01) E21B 43/27 (2006.01)**
[25] EN
[54] **LIQUID SLURRIES OF MICRON- AND NANO-SIZED SOLIDS FOR USE IN SUBTERRANEAN OPERATIONS**
[54] **BOUILLIES LIQUIDES DE MATIERES SOLIDES DE DIMENSION MICROMETRIQUE ET NANOMETRIQUE EN VUE D'UNE UTILISATION DANS DES OPERATIONS SOUTERRAINES**
[72] NGUYEN, PHILIP D., US
[72] OGLE, JAMES WILLIAM, US
[72] SPARKS, BRADLEY J., US
[72] MOCK, BRIAN D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-09
[86] 2013-12-30 (PCT/US2013/078326)
[87] (WO2015/102580)

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[13] C
[51] **Int.Cl. A01K 27/00 (2006.01) A01K 13/00 (2006.01) A61B 5/00 (2006.01) A61B 5/024 (2006.01) A61B 5/08 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **ANIMAL HEALTH AND WELLNESS MONITORING USING UWB RADAR**
[54] **SURVEILLANCE DE LA SANTE ET DU BIEN-ETRE D'UN ANIMAL AU MOYEN D'UN RADAR UWB**
[72] TUPIN, JOE PAUL, JR., US
[72] COUSE, JOHN MICHAEL, US
[73] I4C INNOVATIONS INC., US
[85] 2016-05-10
[86] 2014-05-09 (PCT/US2014/037518)
[87] (WO2015/076866)
[30] US (14/086,721) 2013-11-21

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[13] C
[51] **Int.Cl. H01H 73/06 (2006.01) H01R 13/713 (2006.01)**
[25] EN
[54] **INSULATIVE FIXING PLATE DAMAGED WHEN OVERHEATING AS WELL AS A PLUG AND A SOCKET USING THAT INSULATIVE FIXING PLATE**
[54] **PLAQUE DE FIXATION ISOLANTE ENDOMMAGEE LORSQUE SURCHAUFFEE AINSI QUE BOUCHON ET DOUILLE COMPORTANT LADITE PLAQUE DE FIXATION ISOLANTE**
[72] WANG, CHUAN-SHENG, TW
[73] ATOM TECHNOLOGY INC., TW
[85] 2016-05-25
[86] 2015-04-14 (PCT/CN2015/076561)
[87] (WO2016/165073)

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[13] C
[51] **Int.Cl. F24F 13/02 (2006.01) F16L 11/02 (2006.01)**
[25] EN
[54] **PLIABLE-WALL AIR DUCTS WITH INTERNAL EXPANDING STRUCTURES**
[54] **CONDUITS D'AIR A PAROI SOUPLE COMPORTANT DES STRUCTURES A EXPANSION INTERNE**
[72] PINKALLA, CARY, US
[72] HEIM, FRANK, US
[72] GEBKE, KEVIN J., US
[72] KAUFMAN, NICHOLAS L., US
[72] NIEHAUS, WILLIAM A., US
[73] RITE-HITE HOLDING CORPORATION, US
[86] (2931262)
[87] (2931262)
[22] 2011-11-03
[62] 2,818,114
[30] US (12/950,511) 2010-11-19

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[13] C
[51] **Int.Cl. H04W 8/18 (2009.01) H04W 4/08 (2009.01) H04W 60/00 (2009.01) H04W 84/08 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ENABLING ROAMING RADIOS TO OPERATE IN DIFFERENT SYSTEMS DURING AN INCIDENT EVENT**
[54] **APPAREIL ET PROCEDE POUR PERMETTRE A DES RADIOS ITINERANTES DE FONCTIONNER DANS DIFFERENTS SYSTEMES AU COURS D'UN EVENEMENT D'INCIDENT**
[72] OO, MYO TUN, US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2016-05-20
[86] 2014-11-10 (PCT/US2014/064778)
[87] (WO2015/077069)
[30] US (14/085,163) 2013-11-20

[11] **2,931,539**
[13] C
[51] **Int.Cl. C02F 1/00 (2006.01)**
[25] EN
[54] **BLENDING CONTROL COMPRISING DETERMINING THE HARDNESS OF UNTREATED WATER BY MEANS OF THE CONDUCTIVITY OF SOFT WATER AND BLENDED WATER**
[54] **CONTROLE DE MELANGE COMPORTANT LA DETERMINATION DE LA DURETE DE L'EAU A PARTIR DE LA CONDUCTIVITE DE L'EAU DOUCE ET DE L'EAU MELANGEE**
[72] DOPSLAFF, HARTMUT, DE
[72] DOPSLAFF, CARSTEN H., DE
[73] JUDO WASSERAUFBEREITUNG GMBH, DE
[85] 2016-05-25
[86] 2013-12-17 (PCT/EP2013/076908)
[87] (WO2015/090366)

[11] **2,931,699**
[13] C
[51] **Int.Cl. F16J 15/26 (2006.01)**
[25] EN
[54] **SINGLE SEAL RING STUFFING BOX**
[54] **PRESSE-GARNITURE A ANNEAU D'ETANCHEITE UNIQUE**
[72] KOOP, LAURENTIUS GERARDUS MARIA, NL
[72] DUINEVELD, PETRUS NICOLAAS, NL
[73] HOWDEN THOMASSEN COMPRESSORS BV, NL
[85] 2016-05-26
[86] 2013-12-10 (PCT/EP2013/076141)
[87] (WO2015/086050)

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[13] C
[51] **Int.Cl. B26D 3/26 (2006.01) A23N 15/00 (2006.01)**
[25] EN
[54] **DOUBLE-EDGED KNIFE FOR FOOD CUTTING APPARATUS**
[54] **COUTEAU A DOUBLE TRANCHANT POUR APPAREIL DE COUPE D'ALIMENTS**
[72] JACKO, MICHAEL SCOT, US
[72] BRUCE, PAUL, GB
[73] URSCHEL LABORATORIES, INC., US
[85] 2016-05-27
[86] 2014-12-10 (PCT/US2014/069502)
[87] (WO2015/089160)
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[54] **IMPROVEMENTS IN OR RELATING TO HEATING AND COOLING SYSTEMS**
[54] **AMELIORATIONS APPORTEES OU SE RAPPORTANT A DES SYSTEMES DE CHAUFFAGE ET DE REFROIDISSEMENT**
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[73] SOLTROPY LIMITED, GB
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[54] **SYSTEME DE BECQUET ARRIERE POUR VEHICULE**
[72] DIECKMANN, THOMAS, DE
[72] VAN RAEMDONCK, GANDERT MARCEL RITA, NL
[72] ZIELKE, FRANK, DE
[73] WABCO EUROPE BVBA, BE
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[54] **ELECTRICALLY OPERATED HEATER FOR HEATING A HEAT TRANSPORT LIQUID**
[54] **APPAREIL DE CHAUFFAGE FONCTIONNANT A L'ELECTRICITE SERVANT A CHAUFFER UN LIQUIDE CALOPORTEUR**
[72] ARVIDSSON, SVANTE, SE
[72] ERIKSSON, FREDRIK J., SE
[72] HERMANSSON, PATRIK, SE
[73] EBERSPACHER AB, SE
[86] (2932735)
[87] (2932735)
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[54] **ELECTRICALLY OPERATED HEATER FOR HEATING A HEAT TRANSPORT LIQUID**
[54] **APPAREIL DE CHAUFFAGE FONCTIONNANT A L'ELECTRICITE SERVANT A CHAUFFER UN LIQUIDE CALOPORTEUR**
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[72] ERIKSSON, FREDRIK J., SE
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[73] EBERSPACHER AB, SE
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[54] **PROCESS FOR RECOVERING BITUMEN FROM FROTH TREATMENT TAILINGS**
[54] **PROCEDE DE RECUPERATION DE BITUME A PARTIR DE RESIDUS DE TRAITEMENT DE MOUSSE**
[72] MORAN, KEVIN, CA
[73] TITANIUM CORPORATION INC., CA
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[54] **SECURITE DES TRANSACTIONS SUR UN RESEAU**
[72] CARROTT, RICHARD F., US
[73] BENEDOR CORPORATION, US
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[54] **COLLET DE JOINT DESTINE A UN JOINT UNIVERSEL ET JOINT UNIVERSEL**
[72] ERLMANN, NIKOLAUS MARTIN, DE
[73] SPICER GELENKWELLENBAU GMBH, DE
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[54] **FAR-FIELD DIVERSION WITH PULSED PROPPANT IN SUBTERRANEAN FRACTURING OPERATIONS**
[54] **DERIVATION DE CHAMP LOINTAIN AVEC AGENT DE SOUTENEMENT PULSE DANS DES OPERATIONS DE FRACTURATION SOUTERRAINE**
[72] BRYANT, JASON E., US
[72] WELTON, THOMAS DONOVAN, US
[72] INYANG, UBONG, US
[72] BUTLER, JEREMY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **LINGETTES PREHUMIDIFIEES POUR LE TRAITEMENT DES IRRITATIONS ET DES TROUBLES ANO-RECTAUX**
[72] AGISIM, GARY ROBERT, US
[72] FRIEDLINE, ROBERT ALAN, US
[72] KENNY, RICHARD JOHN, US
[73] PFIZER INC., US
[85] 2016-06-15
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[54] **COLONNES DE SPIN COMPRENANT DES MATRICES DE SEPARATION DE MEMBRANES DE POLYACIDE, ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] JOKHADZE, GEORGE G., US
[72] MITRA, SAYANTAN, US
[73] TAKARA BIO USA, INC., US
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[54] **SYSTEMS AND METHODS FOR MULTIPLE-CODE CONTINUOUS-WAVE DISTRIBUTED ACOUSTIC SENSING**
[54] **SYSTEMES ET PROCEDES POUR LA DETECTION ACOUSTIQUE DISTRIBUEE A ONDES CONTINUES A CODES MULTIPLES**
[72] NUNES, LEONARDO DE OLIVEIRA, BR
[72] STOKELY, CHRISTOPHER LEE, US
[73] HALLIBURTON ENERGY SERVICES, INC, US
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[54] **ROTOR DE FREIN DE VEHICULE ET PROCEDE DE FABRICATION ASSOCIE**
[72] ZHOU, MINGXU, US
[72] CALAGO, EDGAR, US
[73] GRI ENGINEERING & DEVELOPMENT, LLC, US
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[54] **DISPLAY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE PRESENTATION**
[72] YANG, SHENG, US
[72] SCHWALBACH, CHARLES A., US
[72] HEIRAKUJI, RUSSELL JOHN KAAIHUE, US
[72] MARASCO, CARLY LYNN, US
[73] APPLE INC., US
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[54] **SYSTEME DE SPRINKLEURS ANTIGEL**
[72] BOSMA, MICHAEL J., US
[73] THE VIKING CORPORATION, US
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[54] **UNITE DE RENDU DE CORPS VOLUMIQUES**
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[73] LANDMARK GRAPHICS CORPORATION, A HALLIBURTON COMPANY, US
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[54] **MECANISME DE CHANGEMENT DE VITESSE LINEAIRE**
[72] CHENG, HSIN-LIN, CN
[72] TENG, CHING-CHUNG, CN
[73] MOTIVE POWER INDUSTRY CO., LTD., CN
[86] (2936457)
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[54] **APPAREILS MODULAIRES D'ECLAIRAGE A DIODE ELECTROLUMINESCENTE**
[72] RODRIGUEZ, YAN, US
[72] HARRIS, THOMAS EDWARD, US
[72] MARQUES, ANTONIO, US
[73] ABL IP HOLDING LLC, US
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[54] **MERCHANDISER INCLUDING POWER-GENERATING THERMAL RECOVERY SYSTEM**
[54] **PRESENTOIR COMPRENANT UN SYSTEME DE RECUPERATION THERMIQUE GENERATEUR D'ENERGIE**
[72] TWOHY, RAYMOND P., US
[73] HUSSMANN CORPORATION, US
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[54] **EXERCISE CYCLE WITH PLANETARY GEAR SYSTEM AND ROLLING RECOILED LATERAL MOTION SYSTEM**
[54] **VELO D'EXERCICE AVEC SYSTEME A PIGNONS PLANETAIRES ET SYSTEME DE MOUVEMENT LATERAL ROULANT A DETENTE**
[72] VUJICIC, MARKO, US
[73] SHINN FU CORPORATION, TW
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[54] **TRESSE CIRCULAIRE A PLIS ANNULAIRES**
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[73] RAGNER TECHNOLOGY CORPORATION, US
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[87] (2937724)
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[54] **ELEMENT DE GARNITURE GONFLABLE A ENROULEMENT DE CABLES**
[72] FREEMAN, DAVID, US
[72] KELLEY, CALEB, US
[73] TAM INTERNATIONAL, INC., US
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[54] **ARCHITECTURAL MANUFACTURES, APPARATUS AND METHODS USING ADDITIVE MANUFACTURING TECHNIQUES**
[54] **INSTALLATIONS DE FABRICATION ARCHITECTURALE, APPAREIL ET METHODES EMPLOYANT DES TECHNIQUES DE FABRICATION ADDITIVE**
[72] HOOPER, WILLIAM J., JR., US
[72] TUMINELLA, JOSHUA, US
[72] BARBULESCU, ION-HORATIU, US
[72] MILLER, MATTHEW M., US
[72] MCDANIEL, KYLE A., US
[73] ARCONIC INC., US
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[54] **POMPE DE REGULATION DE NIVEAU DE LIQUIDE DE PUITS DE DECHARGE**
[72] RAMIREZ, ANTONIO U., US
[72] SIMPSON, DAVID D., US
[73] Q.E.D. ENVIRONMENTAL SYSTEMS, INC., US
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[72] WALLIS, MICHAEL BRETT, US
[73] MAVENIR SYSTEMS, INC., US
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[54] **IMAGE SENSING DEVICE AND MEASURING SYSTEM FOR PROVIDING IMAGE DATA AND INFORMATION ON 3D-CHARACTERISTICS OF AN OBJECT**
[54] **DISPOSITIF DE DETECTION D'IMAGE ET SYSTEME DE MESURE PERMETTANT DE FOURNIR DES DONNEES D'IMAGE ET DES INFORMATIONS SUR LES CARACTERISTIQUES 3D D'UN OBJET**
[72] JOHANNESSON, MATTIAS, SE
[73] SICK IVP AB, SE
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[54] **DISPOSITIF POUR ACCES PERITONEAL ET VASCULAIRE ET DISPOSITIF D'HEMODIALYSE**
[72] LUNDGREN, DAN, SE
[72] NYMAN, RICKARD, SE
[72] ANKARBRANTH, MORGAN, SE
[73] TRANSCUTAN AB, SE
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[54] **DATA ALIGNMENT IMPLEMENTED IN A FIELD PROGRAMMABLE GATE ARRAY (FPGA) DEVICE**
[54] **ALIGNEMENT DE DONNEES MIS EN PLACE DANS UN DISPOSITIF DE MATRICE PREDIFFUSEE PROGRAMMABLE PAR L'UTILISATEUR (FPGA)**
[72] KANETA, SCOTT RAYMOND, US
[72] WILLIAMS, CHRISTOPHER JASON, US
[72] AMBROSE, DESMOND LESLIE, CA
[73] ROSS VIDEO LIMITED, CA
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[54] **ROTARY ELECTRIC MACHINE AND STATOR OF ROTARY ELECTRIC MACHINE**
[54] **MACHINE ELECTRIQUE ROTATIVE ET STATOR DE MACHINE ELECTRIQUE ROTATIVE**
[72] NODA, KEN, JP
[72] HATTORI, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[73] MEDIMMUNE LIMITED, GB
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[54] **ENSEMBLE DE TRANSPORT DE DEPLACEMENT ET DE RETENUE POUR LE RETRAIT DE COLIS SURDIMENSIONNES**
[72] SCHROADER, STEVEN VANN, US
[73] FIVES INTRALOGISTICS CORP., US
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[54] **PROCESS FOR DECONTAMINATING OR STERILIZING AN ARTICLE**
[54] **PROCEDE DE DECONTAMINATION OU DE STERILISATION D'UN ARTICLE AVEC UNE COMPOSITION CONTENANT UN PEROXYDE ET UN AGENT ANTIMICROBIEN**
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[72] LEGGETT, MARK JAMES, GB
[72] CENTANNI, MICHAEL A., US
[73] AMERICAN STERILIZER COMPANY, US
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[54] **METHOD OF PRODUCING AN INDUCTION COMPONENT, AND INDUCTION COMPONENT**
[54] **METHODE DE PRODUCTION D'UN COMPOSANT D'INDUCTION, ET COMPOSANT D'INDUCTION**
[72] STARK, MARKUS, DE
[72] RICHTER, KLAUS, DE
[72] DEGEN, DORIAN, DE
[73] WURTH ELEKTRONIK EISOS GMBH & CO. KG, DE
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[25] EN
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[54] **PROCEDE POUR L'ECHANGE DE CHALEUR DANS UN SYSTEME DE TRANSFERT DE CHALEUR A COMPRESSION DE VAPEUR ET SYSTEME DE TRANSFERT DE CHALEUR A COMPRESSION DE VAPEUR COMPRENANT UN ECHANGEUR DE CHALEUR INTERMEDIAIRE EN ASSOCIATION AVEC UN EVAPORATEUR OU CONDENSEUR DOUBLE FLUX**
[72] CLODIC, DENIS, FR
[72] RIACHI, YOUSSEF, FR
[72] KOBAN, MARY, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[25] EN
[54] **EXPANDABLE BODY BAG**
[54] **HOUSSE MORTUAIRE EXTENSIBLE**
[72] LEHEURTEUX, CELINE C.L., CA
[73] LEHEURTEUX, CELINE C.L., CA
[86] (2945229)
[87] (2945229)
[22] 2016-10-13
[30] US (62/251,894) 2015-11-06

[11] **2,945,853**
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[25] EN
[54] **5-HT2B ANTAGONISTS**
[54] **ANTAGONISTES DES 5-HT2B**
[72] HUANG, NIU, CN
[72] ZHOU, YU, CN
[72] LIN, XINGYU, CN
[73] NATIONAL INSTITUTE OF BIOLOGICAL SCIENCES, BEIJING, CN
[85] 2016-10-14
[86] 2015-04-08 (PCT/CN2015/076079)
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[13] C
[51] **Int.Cl. B60G 11/14 (2006.01) B60G 3/28 (2006.01) F16F 1/06 (2006.01) F16F 9/32 (2006.01)**
[25] EN
[54] **SUSPENSION COIL SPRING**
[54] **RESSORT HELICOIDAL DE SUSPENSION**
[72] SAYAMA, HIRONOBU, JP
[73] MITSUBISHI STEEL MFG. CO., LTD., JP
[85] 2016-10-19
[86] 2015-05-25 (PCT/JP2015/064882)
[87] (WO2015/182543)
[30] JP (2014-109767) 2014-05-28

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[51] **Int.Cl. H01H 3/28 (2006.01) H01F 7/18 (2006.01)**
[25] EN
[54] **ELECTRIC SWITCH HAVING AN ELECTROMAGNETIC ACTUATOR**
[54] **COMMUTATEUR ELECTRIQUE COMPORTANT UN ACTIONNEUR ELECTROMAGNETIQUE**
[72] HAHN, ANDREAS, DE
[72] KUHN, WOLFGANG, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-10-28
[86] 2015-04-01 (PCT/EP2015/057169)
[87] (WO2015/165684)
[30] DE (10 2014 208 014.2) 2014-04-29

[11] **2,948,399**
[13] C
[51] **Int.Cl. B41M 5/52 (2006.01) B82Y 30/00 (2011.01) D21H 19/20 (2006.01) D21H 19/34 (2006.01)**
[25] EN
[54] **PRINT QUALITY ON THIN COATINGS OF CELLULOSE NANOCRYSTALS**
[54] **QUALITE D'IMPRESSION SUR DE MINCES REVETEMENTS DE NANOCRISTAUX DE CELLULOSE**
[72] ASPLER, JOSEPH STEPHEN, CA
[72] ZOU, XUEJUN, CA
[72] LALEG, MAKHLOUF, CA
[72] MANFRED, TONY, CA
[72] GRENON, JOELLE, CA
[73] FPINNOVATIONS, CA
[85] 2016-11-08
[86] 2015-05-05 (PCT/CA2015/050389)
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[30] US (61/991,042) 2014-05-09

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[25] EN
[54] **SLURRY SCREEN CLOTH**
[54] **TISSUS FILTRANT LA BOUE**
[72] TIEU, YEU (JOHN), CA
[72] OBAIA, KHALED, CA
[72] MACNEIL, DANIEL, CA
[72] REID, DAMIEN, CA
[73] SYNCRUDE CANADA LTD., CA
[86] (2950365)
[87] (2950365)
[22] 2016-08-12
[30] US (62/205,149) 2015-08-14
[30] US (62/250,859) 2015-11-04

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[13] C
[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO CONTROL A WELD CURRENT AMPERAGE**
[54] **METHODES ET APPAREIL DE CONTROLE DE L'INTENSITE DE COURANT DE SOUDURE**
[72] ULRICH, JAMES F., US
[72] CASNER, BRUCE A., US
[72] STAPP, ZAKARY, US
[73] ILLINOIS TOOL WORKS INC., US
[86] (2952217)
[87] (2952217)
[22] 2016-12-20
[30] US (15/040,632) 2016-02-10

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[13] C
[51] **Int.Cl. E21B 43/20 (2006.01) E21B 43/12 (2006.01) E21B 43/40 (2006.01)**
[25] EN
[54] **HYDRAULIC HOISTING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE LEVAGE HYDRAULIQUE**
[72] KORSKI, STEPHEN, CA
[72] PRICE JONES, ALUN, CA
[72] SLACK, ROY STEPHEN, CA
[73] CEMENTATION CANADA INC., CA
[85] 2016-12-14
[86] 2015-07-10 (PCT/CA2015/050643)
[87] (WO2016/004535)
[30] CA (2,856,435) 2014-07-10

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[51] **Int.Cl. H04W 48/20 (2009.01) H04W 4/14 (2009.01) H04W 48/16 (2009.01)**
[25] EN
[54] **DEVICE MANAGED ACCESS POINT LISTS IN WIRELESS COMMUNICATIONS**
[54] **LISTE DE POINTS D'ACCES GEREE PAR DISPOSITIF DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] BALASUBRAMANIAN, SRINIVASAN, US
[72] DESHPANDE, MANOJ M., US
[72] YOON, YOUNG C., US
[72] HORN, GAVIN B., US
[73] QUALCOMM INCORPORATED, US
[86] (2952400)
[87] (2952400)
[22] 2009-03-26
[62] 2,719,604
[30] US (61/039,728) 2008-03-26
[30] US (61/102,325) 2008-10-02
[30] US (12/407,714) 2009-03-19

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[51] **Int.Cl. H04W 48/20 (2009.01) H04W 48/16 (2009.01)**
[25] EN
[54] **DEVICE MANAGED ACCESS POINT LISTS IN WIRELESS COMMUNICATIONS**
[54] **LISTE DE POINTS D'ACCES GEREE PAR DISPOSITIF DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] BALASUBRAMANIAN, SRINIVASAN, US
[72] DESHPANDE, MANOJ M., US
[72] YOON, YOUNG C., US
[72] HORN, GAVIN B., US
[73] QUALCOMM INCORPORATED, US
[86] (2952402)
[87] (2952402)
[22] 2009-03-26
[62] 2,719,604
[30] US (61/039,728) 2008-03-26
[30] US (61/102,325) 2008-10-02
[30] US (12/407,714) 2009-03-19

[11] **2,952,442**
[13] C
[51] **Int.Cl. H04W 48/20 (2009.01) H04W 48/16 (2009.01)**
[25] EN
[54] **DEVICE MANAGED ACCESS POINT LISTS IN WIRELESS COMMUNICATIONS**
[54] **LISTE DE POINTS D'ACCES GEREE PAR DISPOSITIF DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] BALASUBRAMANIAN, SRINIVASAN, US
[72] DESHPANDE, MANOJ M., US
[72] YOON, YOUNG C., US
[72] HORN, GAVIN B., US
[73] QUALCOMM INCORPORATED, US
[86] (2952442)
[87] (2952442)
[22] 2009-03-26
[62] 2,719,604
[30] US (61/039,728) 2008-03-26
[30] US (61/102,325) 2008-10-02
[30] US (12/407,714) 2009-03-19

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[13] C
[51] **Int.Cl. A61K 38/16 (2006.01) A61P 27/02 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **OPHTHALMIC COMPOSITION FOR THE TREATMENT OF OCULAR INFECTION**
[54] **COMPOSITION OPHTALMIQUE POUR LE TRAITEMENT D'UNE INFECTION OCULAIRE**
[72] SI, ERWIN C., US
[73] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB
[85] 2016-12-16
[86] 2015-06-18 (PCT/GB2015/051790)
[87] (WO2015/193677)
[30] US (62/014,777) 2014-06-20

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[51] **Int.Cl. B60R 11/02 (2006.01) G09F 9/00 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **DISPLAY UNIT FOR VEHICLE AND DISPLAY CONTROL UNIT**
[54] **UNITE D'AFFICHAGE POUR VEHICULE, ET UNITE DE COMMANDE D'AFFICHAGE**
[72] UEYAMA, KENGO, JP
[73] DENSO CORPORATION, JP
[85] 2017-01-05
[86] 2015-10-12 (PCT/JP2015/005159)
[87] (WO2016/063487)
[30] JP (2014-216435) 2014-10-23

[11] **2,954,907**
[13] C
[51] **Int.Cl. B65H 75/44 (2006.01) B65H 49/32 (2006.01) B65H 75/38 (2006.01) B66F 9/12 (2006.01)**
[25] EN
[54] **HOSE-REELING APPARATUS**
[54] **APPAREIL ENROULEUR DE TUYAU**
[72] MARTINSON, RORY, CA
[72] FEIST, WADE, CA
[73] MARTINSON, RORY, CA
[73] FEIST, WADE, CA
[86] (2954907)
[87] (2954907)
[22] 2017-01-10

[11] **2,955,243**
[13] C
[51] **Int.Cl. A01G 9/12 (2006.01)**
[25] EN
[54] **MODULAR PLANT SUPPORT POLES**
[54] **POTEAUX MODULAIRES DE SUPPORT D'INSTALLATION**
[72] MONTAGANO, MICHAEL, CA
[73] MONDI PRODUCTS LTD., CA
[85] 2017-01-16
[86] 2014-08-27 (PCT/CA2014/000650)
[87] (WO2015/027318)
[30] US (61/871,501) 2013-08-29

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[13] C
[51] **Int.Cl. E21B 43/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **DETERMINING ONE OR MORE PARAMETERS OF A WELL COMPLETION DESIGN BASED ON DRILLING DATA CORRESPONDING TO VARIABLES OF MECHANICAL SPECIFIC ENERGY**
[54] **DETERMINATION D'UN OU PLUSIEURS PARAMETRES D'UN SYSTEME DE COMPLETION D'UN PUITS SUR LA BASE DE DONNEES DE FORAGE CORRESPONDANT A DES VARIABLES D'ENERGIE MECANIQUE SPECIFIQUE.**
[72] SRINIVASAN, SRIDHAR, IN
[72] LOGAN, WILLIAM DALE, US
[73] VORPAL ENERGY SOLUTIONS, LLC, US
[73] C&J SPEC-RENT SERVICES, INC., US
[85] 2017-01-16
[86] 2015-06-17 (PCT/US2015/036190)
[87] (WO2016/010667)
[30] US (62/026,199) 2014-07-18
[30] US (14/734,290) 2015-06-09

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[13] C
[51] **Int.Cl. A61B 6/00 (2006.01) A61B 34/20 (2016.01) A61B 1/05 (2006.01)**
[25] EN
[54] **MULTISPECTRAL SYNCHRONIZED IMAGING**
[54] **IMAGERIE MULTISPECTRALE SYNCHRONISEE**
[72] KUCHNIO, PIOTR, CA
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] LEE, TAMMY KEE-WAI, CA
[72] BAI, YANHUI, CA
[72] BULK, MICHAEL PETER, CA
[72] JAMIESON, CHRISTOPHER THOMAS, CA
[72] YAO, ZE SHAN, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-02-27
[86] 2016-05-10 (PCT/IB2016/052678)
[87] (WO2017/194993)

[11] **2,960,638**
[13] C
[51] **Int.Cl. B67C 3/02 (2006.01) B65B 3/04 (2006.01) B67C 3/14 (2006.01) B67C 3/22 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR HANDLING CONTAINERS**
[54] **PROCEDE ET SYSTEME DE MANIPULATION DE RECIPIENTS**
[72] KELLEY, PAUL V., US
[72] HYSICK, SCOTT E., US
[73] GRAHAM PACKAGING COMPANY, L.P., US
[86] (2960638)
[87] (2960638)
[22] 2010-01-04
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[30] US (12/349,268) 2009-01-06
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[13] C
[51] **Int.Cl. H04W 88/18 (2009.01) H04W 12/06 (2009.01)**
[25] EN
[54] **PREEMPTIVE LOADING OF PROTECTED DATA FOR STREAMING MOBILE DEVICES**
[54] **CHARGEMENT PREEMPTIF DE DONNEES PROTEGEES POUR DES DISPOSITIFS MOBILES DE DIFFUSION EN CONTINU**
[72] AGNEW, DERYK SHANE, US
[72] FOWLER, ALTON RAY, US
[73] ZIXCORP SYSTEMS, INC., US
[85] 2017-03-23
[86] 2015-09-22 (PCT/US2015/051394)
[87] (WO2016/048987)
[30] US (14/495,227) 2014-09-24

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[13] C
[51] **Int.Cl. G09B 23/30 (2006.01) G09B 9/00 (2006.01) A61F 2/14 (2006.01)**
[25] EN
[54] **ARTIFICIAL EYE SYSTEM COMPRISING A SEE-THROUGH DISPLAY**
[54] **SYSTEME D'OEIL ARTIFICIEL COMPORTANT UN ECRAN TRANSPARENT**
[72] FLAMAND, JEAN-SEBASTIEN, CA
[72] CARON, FRANCOIS, CA
[73] CAE HEALTHCARE CANADA INC., CA
[86] (2963116)
[87] (2963116)
[22] 2017-03-31

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[13] C
[51] **Int.Cl. G09B 23/30 (2006.01) A61F 9/00 (2006.01) G09G 5/00 (2006.01)**
[25] EN
[54] **ARTIFICIAL EYE SYSTEM**
[54] **SYSTEME D'OEIL ARTIFICIEL**
[72] FLAMAND, JEAN-SEBASTIEN, CA
[72] CARON, FRANCOIS, CA
[73] CAE HEALTHCARE CANADA INC., CA
[86] (2963120)
[87] (2963120)
[22] 2017-03-31

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[13] C
[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/12 (2006.01) C12M 1/34 (2006.01) C12M 3/00 (2006.01) C12N 1/00 (2006.01) C12N 5/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **MICROFLUIDIC DEVICE FOR CELL-BASED ASSAYS**
[54] **DISPOSITIF MICROFLUIDIQUE POUR DOSAGES A BASE DE CELLULES**
[72] CHEBOTAREV, OLEG, CA
[72] SIMMONS, CRAIG, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2017-04-12
[86] 2015-10-27 (PCT/CA2015/051095)
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[30] US (62/068,859) 2014-10-27

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[25] EN
[54] **RADIO FREQUENCY IDENTIFICATION ENABLED MIRRORS**
[54] **MIROIRS VALIDES PAR IDENTIFICATION A FREQUENCE RADIO**
[72] NYALAMADUGU, SHESHI, US
[72] MULLIS, JOE, US
[73] NEOLOGY, INC., US
[85] 2017-04-12
[86] 2015-10-29 (PCT/US2015/058163)
[87] (WO2016/069954)
[30] US (62/072,416) 2014-10-29

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[13] C
[51] **Int.Cl. G01B 21/00 (2006.01) G01B 11/245 (2006.01) G01B 21/04 (2006.01)**
[25] EN
[54] **NON-PARAMETRIC METHOD OF AND SYSTEM FOR ESTIMATING DIMENSIONS OF OBJECTS OF ARBITRARY SHAPE**
[54] **PROCEDE NON PARAMETRIQUE D'ESTIMATION DES DIMENSIONS D'OBJETS A FORMES ARBITRAIRES ET SYSTEME POUR L'ESTIMATION DES DIMENSIONS D'OBJETS A FORMES ARBITRAIRES**
[72] PATEL, ANKUR R., US
[72] O'CONNELL, KEVIN J., US
[72] TASKIRAN, CUNEYT M., US
[72] WILLIAMS, JAY J., US
[73] SYMBOL TECHNOLOGIES, LLC, US
[85] 2017-05-05
[86] 2015-10-06 (PCT/US2015/054120)
[87] (WO2016/073108)
[30] US (14/534,224) 2014-11-06

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[13] C
[51] **Int.Cl. G01D 11/24 (2006.01) G01N 27/403 (2006.01)**
[25] EN
[54] **REPLACEABLE PROBE HEAD**
[54] **TETE DE SONDE REMPLACABLE**
[72] PALASSIS, CHRISTOPHER J., US
[72] JAMES, MICHAEL T., US
[73] YSI INCORPORATED, US
[86] (2967440)
[87] (2967440)
[22] 2011-04-19
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[51] **Int.Cl. A62D 1/00 (2006.01)**
[25] EN
[54] **WATER-ENHANCING, FIRE-SUPPRESSING HYDROGELS**
[54] **HYDROGELS D'EXTINCTION D'INCENDIE AMELIORANT L'EAU**
[72] MARIAMPILLAI, BRIAN, CA
[72] YANG, YUN, CA
[73] FIREREIN INC., CA
[85] 2017-05-25
[86] 2015-11-26 (PCT/CA2015/051235)
[87] (WO2016/082041)
[30] US (62/084,965) 2014-11-26

[11] **2,969,980**
[13] C
[51] **Int.Cl. G01N 21/47 (2006.01) A61B 3/10 (2006.01) A61B 5/00 (2006.01) G01N 21/63 (2006.01)**
[25] EN
[54] **OPTICAL INSTRUMENT FOR BIOMECHANICAL DIAGNOSIS OF EYE DISEASE**
[54] **INSTRUMENT OPTIQUE PERMETTANT UN DIAGNOSTIC BIOMECANIQUE D'UNE MALADIE OCULAIRE**
[72] VOGLER, KLAUS, DE
[72] WUELLNER, CHRISTIAN, DE
[73] NOVARTIS AG, CH
[85] 2017-06-06
[86] 2015-02-02 (PCT/EP2015/052079)
[87] (WO2016/124216)

[11] **2,972,543**
[13] C
[51] **Int.Cl. A01J 5/007 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PREPARATION CUP ATTACHMENT**
[54] **SYSTEME ET METHODE DE PREPARATION D'UN ACCESSOIRE DE GOBELET**
[72] FORESMAN, MARK A., US
[72] PREVOST, BRADLEY J., US
[73] TECHNOLOGIES HOLDINGS CORP., US
[86] (2972543)
[87] (2972543)
[22] 2017-07-06
[30] US (15/204,918) 2016-07-07

[11] **2,975,099**
[13] C
[51] **Int.Cl. C10J 3/72 (2006.01) A62D 3/40 (2007.01) H01M 8/0606 (2016.01) C01B 3/02 (2006.01) C01B 3/32 (2006.01) C01B 3/50 (2006.01) C01B 7/01 (2006.01) C01B 9/02 (2006.01) C01B 33/08 (2006.01) C01F 7/56 (2006.01)**
[25] EN
[54] **CHLORINATION OF PROCESSING RESIDUES AS A VARIABLE LOAD FOR GRID SCALE ELECTRICAL LOAD FOLLOWING AND STORAGE**
[54] **CHLORATION DES RESIDUS DE TRAITEMENT EN TANT QUE CHARGE VARIABLE POUR UN STOCKAGE ET UN SUIVI DE CHARGE ELECTRIQUE A L'ECHELLE DU RESEAU ELECTRIQUE**
[72] LANGLEY, JUSTIN, US
[73] LANGLEY, JUSTIN, US
[85] 2017-07-26
[86] 2016-01-18 (PCT/US2016/013811)
[87] (WO2016/122917)
[30] AU (2013299655) 2015-01-28
[30] CA (2,881,187) 2015-02-04
[30] US (14/852,028) 2015-09-11

[11] **2,975,404**
[13] C
[51] **Int.Cl. G06T 5/00 (2006.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **COLOUR CONTRAST ENHANCEMENT OF MEDICAL IMAGES BY NON-LINEAR COLOUR MAPPING**
[54] **AMELIORATION DE CONTRASTE DE COULEUR D'IMAGES MEDICALES PAR MAPPAGE DE COULEUR NON-LINEAIRE**
[72] KUCHNIO, PIOTR, BB
[72] SELA, GAL, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-07-31
[86] 2015-09-02 (PCT/CA2015/050841)
[87] (WO2017/035624)

[11] **2,976,284**
[13] C
[51] **Int.Cl. B29C 45/64 (2006.01)**
[25] EN
[54] **INJECTION MOLD HAVING AN IN-MOLD LID CLOSING DEVICE**
[54] **MOULE A INJECTION AYANT UN DISPOSITIF DE FERMETURE DE COUVERCLE DANS LE MOULE**
[72] KRAMMER, CHRISTIAN, BR
[72] RADA, CHRISTIAN, AT
[73] HUSKY INJECTION HOLDING SYSTEMS LTD., CA
[85] 2017-08-10
[86] 2016-02-18 (PCT/CA2016/050146)
[87] (WO2016/141461)
[30] US (62/132,132) 2015-03-12

[11] **2,976,557**
[13] C
[51] **Int.Cl. G09F 9/30 (2006.01) G02B 26/08 (2006.01) G09F 9/33 (2006.01) G09F 9/35 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **HOLLOWED ELECTRONIC DISPLAY**
[54] **AFFICHEUR ELECTRONIQUE EVIDE**
[72] EVANS V, DAVID JOHN, US
[72] RUBIN, ANDREW E., US
[72] HERSHENSON, MATTHEW, US
[72] JIANG, XINRUI, US
[72] MIAO, XIAOYU, US
[72] TATE, JOSEPH ANTHONY, US
[72] GAGNE-KEATS, JASON SEAN, US
[72] SCHULTZ ZAVIN, REBECCA, US
[73] ESSENTIAL PRODUCTS, INC., US
[85] 2017-08-16
[86] 2017-06-06 (PCT/US2017/036055)
[87] (WO2017/214081)
[30] US (62/348,421) 2016-06-10
[30] US (15/233,818) 2016-08-10

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[13] C
[51] **Int.Cl. E01H 4/00 (2006.01) E01H 4/02 (2006.01)**
[25] EN
[54] **SNOW GROOMER WITH LINKAGE FOR ADJUSTABLE COMPONENT**
[54] **DAMEUSE DOTEE D'UNE LIAISON DESTINEE A UNE COMPOSANTE AJUSTABLE**
[72] BYER, RICHARD L., US
[73] BYER, RICHARD L., US
[86] (2976869)
[87] (2976869)
[22] 2017-08-18
[30] US (62/381,566) 2016-08-30

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[11] **2,977,319**
[13] C
[51] **Int.Cl. B62K 25/04 (2006.01) B62K 25/28 (2006.01)**
[25] EN
[54] **REAR SUSPENSION SYSTEM FOR A BICYCLE**
[54] **SYSTEME DE SUSPENSION ARRIERE POUR BICYCLETTE**
[72] HUDEC, CHRISTOPHER, CA
[73] CMH PLUS HOLDINGS LTD., CA
[85] 2017-08-21
[86] 2016-02-24 (PCT/CA2016/050188)
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[54] **OUTIL DE PORTOIR DE TUBES**
[72] TAYLOR, LOGAN M., US
[72] ABBOTT, RICHARD DAVID, US
[73] BIOFIRE DEFENSE, LLC, US
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[54] **DEHUMIDIFYING CIRCUIT**
[54] **CIRCUIT DE DESHUMIDIFICATION**
[72] SMITH, DANIEL JOHN, NZ
[72] MILLAR, GAVIN WALSH, NZ
[72] POWELL, KEVIN BLAKE, NZ
[72] BALDWIN, DAVID PETER, GB
[73] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[54] **OCCLUSION CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE EN CAS D'OCCULTATION**
[72] YOSHIHIRA, MASANORI, JP
[72] WATANABE, SEIGO, JP
[72] KISHI, NORIMASA, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **BIOPSY NEEDLE ASSEMBLY**
[54] **DISPOSITIF D'AIGUILLE DE BIOPSIE**
[72] STONE, NELSON, US
[72] SCHECHTER, DAVE, US
[73] 3DBIOPSY, INC., US
[86] (2983856)
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[54] **FUNCTIONAL MAT RACER**
[54] **TAPIS FONCTIONNEL POUR SURFEUR**
[72] SCHWARTZ, JUSTIN MICHAEL, US
[72] OSTERMAN, ROSS ALAN, US
[72] MASON, WILLIAM DALE, US
[73] UNIVERSAL CITY STUDIOS LLC, US
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[25] EN
[54] **TELEPHONE SWITCHING APPARATUS, METHOD, AND COMPUTER READABLE MEDIUM**
[54] **APPAREIL DE COMMUTATION TELEPHONIQUE, METHODE ET SUPPORT LISIBLE A L'ORDINATEUR**
[72] MORIMOTO, TORU, JP
[72] SASAKI, HIROMI, JP
[72] KOBAYASHI, MAKOTO, JP
[73] NEC PLATFORMS, LTD., JP
[73] NIPPON TELEGRAPH AND TELEPHONE EAST CORPORATION, JP
[73] NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION, JP
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[54] **FLIPPING CONVERSION SEAT AND LEAN POST**
[54] **SIEGE A CONVERSION RABATTABLE ET MONTANT D'APPUI**
[72] FOSS, CHARLES DEAN, US
[72] DAILY, DANIEL PATRICK, US
[73] BOSTON WHALER INC, US
[85] 2017-12-15
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[25] EN
[54] **HEAT-SENSITIVE RECORDING MATERIAL**
[54] **MATERIAU D'ENREGISTREMENT THERMOSENSIBLE**
[72] ISHIBASHI, YOSHIMI, JP
[72] KINISHI, RYOICHI, JP
[72] NAKAGAWA, YOSHITO, JP
[73] SANKO CO., LTD., JP
[85] 2017-12-19
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[30] JP (2015-185024) 2015-09-18
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[25] EN
[54] **NEWS PRODUCTION SYSTEM WITH DVE TEMPLATE FEATURE**
[54] **SYSTEME DE PRODUCTION DE NOUVELLE AYANT UNE CARACTERISTIQUE DE MODELE DVE**
[72] COX, GARY WILSON, US
[73] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2018-01-22
[86] 2016-07-22 (PCT/US2016/043558)
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[54] **METHOD AND SYSTEM FOR CARBON DIOXIDE GAS DEHYDRATION**
[54] **PROCEDE ET SYSTEME DE DESHYDRATATION DE DIOXYDE DE CARBONE GAZEUX**
[72] KIKKAWA, YOSHITSUGI, JP
[72] SATO, ETSURO, JP
[72] HINO, TAKESHI, JP
[72] KANETA, SHINJI, JP
[72] TANAKA, JUNICHIRO, JP
[73] CHIYODA CORPORATION, JP
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[25] EN
[54] **GUIDEWAY MOUNTED VEHICLE LOCALIZATION SYSTEM**
[54] **SYSTEME DE LOCALISATION DE VEHICULE MONTE SUR VOIE DE GUIDAGE**
[72] GREEN, ALON, CA
[72] KINIO, WALTER, CA
[72] IGNATIUS, RODNEY, CA
[72] WHITWAM, FIRTH, CA
[73] THALES CANADA INC., CA
[85] 2018-02-21
[86] 2016-08-25 (PCT/IB2016/055084)
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[25] EN
[54] **SEQUENCING VALVE FOR A BRAKE CYLINDER HAVING AN AUTOMATIC PARKING BRAKE**
[54] **SOUPAPE DE SEQUENCE POUR UN CYLINDRE DE FREIN PRESENTANT UN FREIN DE STATIONNEMENT AUTOMATIQUE**
[72] NEULIEB, ROBERT, US
[72] HUBER, HOWARD, JR., US
[72] PARNAPY, KEITH, US
[72] FERGUSON, CHRISTOPHER J., US
[72] SAUTER, JEFFREY, US
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[54] **SPRINKLER SYSTEM ACCOUNTING FOR WIND EFFECT**
[54] **SYSTEME DE GICLEURS TENANT COMPTE DE L'EFFET DU VENT**
[72] COTE, CAMERON, CA
[71] COTE, KRISTY, CA
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[51] **Int.Cl. B63B 35/73 (2006.01) B63B 35/71 (2006.01) B63B 35/85 (2006.01)**
[25] EN
[54] **THE TRI-PADDLE (TRI)! A FAST, VERSATILE, TOURING PADDLE CRAFT WHICH HAS A SEMI-AUTOMATIC TRI-PADDLE COCKPIT WITH INTEGRATED TWO-PART SPRAY PROTECTOR SYSTEM, A PORTABLE CRAFT-PACK SYSTEM, AND AN ON-BOARD SLEEPER SYSTEM!**
[54] **LE TRI-PADDLE (TRI)! UNE EMBARCATION A PAGAIE RAPIDE ET POLYVALENTE DESTINEE AU TOURISME QUI COMPORTE UN COCKPIT A TROIS PAGAIES SEMI-AUTOMATIQUES DOTE D'UN SYSTEME DE PARE-ECLABOUSSURES EN DEUX PARTIES, UN SYSTEME DE TRANSPORT D'EMBARCATION PORTATIF ET UN SYSTEME DE COUCHETTE EMBARQUE**
[72] SQUAREK, DOUGLAS, CA
[71] SQUAREK, DOUGLAS, CA
[22] 2016-11-28
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[54] **PASTURE BARN**
[54] **GRANGE DE PATURAGE**
[72] RUSSELL, DONALD C., CA
[71] RUSSELL, DONALD C., CA
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[41] 2018-05-29

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[54] **BEVERAGE CAN COVER DEVICE AND METHOD**
[54] **DISPOSITIF DE COUVERCLE DE CANNETTE DE BOISSON ET METHODE**
[72] BAGNALL, ALEXANDER M., CA
[71] BAGNALL, ALEXANDER M., CA
[22] 2016-11-29
[41] 2018-05-29

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[51] **Int.Cl. A63B 21/062 (2006.01) A63B 21/06 (2006.01)**
[25] EN
[54] **A GYM TOWER**
[54] **UNE TOUR DESTINEE A UNE SALLE D'ENTRAINEMENT**
[72] SANDHU, JESSE, CA
[71] SANDHU, JESSE, CA
[22] 2016-11-30
[41] 2018-05-30

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] FR
[54] **METHOD AND SYSTEM FOR LIGHT DIMMER WITHOUT FLICKERING ON AN ALTERNATIVE SUPPLY NETWORK**
[54] **METHODE ET SYSTEME POUR GRADATEUR DE LUMIERE SANS SCINTILLEMENT SUR UN RESEAU D'ALIMENTATION ALTERNATIF**
[72] BOUCHARD, CLAUDE, CA
[72] BROUILLETTE, ALEXANDRE, CA
[72] BAYEUR, HUGO, CA
[72] GODIN, JACQUES, CA
[71] TECHNOLOGIES INTELIA INC., CA
[22] 2016-11-30
[41] 2018-05-30

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[13] A1
[51] **Int.Cl. A61K 38/39 (2006.01) A61K 38/01 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **USE OF LOW MOLECULAR WEIGHT COLLAGEN HYDROLYSATE FOR PREVENTING AND/OR REDUCING JOINT PAIN, LATERAL MENISCAL PROTUSION AND/OR IMPROVING CARTILAGE ABRASION GRADE**
[54] **UTILISATION D'HYDROLYSAT DE COLLAGENE A FAIBLE POIDS MOLECULAIRE DESTINE A PREVENIR OU REDUIRE LA DOULEUR ARTICULAIRE, LA TUBEROSITE MENISCALE LATERALE OU A AMELIORER LE DEGRE D'ABRASION DU CARTILAGE**
[72] MICHAUD, GUY, CA
[71] CORPORATION GENACOL CANADA INC., CA
[22] 2016-11-28
[41] 2018-05-28

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[51] **Int.Cl. G09B 19/02 (2006.01)**
[25] EN
[54] **VISUAL ARITHMETIC TEACHING DEVICE**
[54] **DISPOSITIF D'ENSEIGNEMENT VISUEL DE L'ARITHMETIQUE**
[72] THOMPSON, ANN, CA
[71] THOMPSON, ANN, CA
[22] 2016-11-30
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[51] **Int.Cl. G01N 21/71 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CHARACTERIZING OIL SANDS BY USING LASER-INDUCED BREAKDOWN SPECTROSCOPY**
[54] **METHODE ET SYSTEME DE CARACTERISATION DES SABLES BITUMINEUX PAR SPECTROSCOPIE DU PLASMA INDUIT PAR LASER**
[72] HARHIRA, AISSA, CA
[72] SABSABI, MOHAMAD, CA
[72] EL HADDAD, JOSETTE, CA
[72] BLOUIN, ALAIN, CA
[71] NATIONAL RESEARCH COUNCIL CANADA, CA
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[51] **Int.Cl. B03B 9/02 (2006.01) E21C 41/26 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR DELIVERY OF OIL SANDS ORE**
[54] **PROCEDE ET APPAREIL DE LIVRAISON DU MINERAI DE SABLES BITUMINEUX**
[72] GARNER, WILLIAM NICHOLAS, CA
[72] DOUCET, REAL, CA
[72] PAINE, RANDALL B., CA
[72] BEDI, GURPREET SINGH, CA
[72] WU, JIANGYING, CA
[72] JOE, GARDNER, CA
[71] CANADIAN NATURAL RESOURCES LIMITED, CA
[22] 2016-12-01
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[51] **Int.Cl. E05F 15/686 (2015.01) E05F 15/59 (2015.01)**
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[54] **OVERHEAD DOOR CABLE ADJUSTER SYSTEM AND METHOD**
[54] **DISPOSITIF D'AJUSTEMENT DE CABLE DE PORTE BASCULANTE ET METHODE**
[72] TIPLER, RAYMOND L., CA
[71] TIPLER, RAYMOND L., CA
[22] 2016-12-01
[41] 2018-05-30
[30] US (15365870) 2016-11-30

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[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **BACKPRESSURE BALL**
[54] **BALLE DE RETRO PRESSION**
[72] FERG, THOMAS EUGENE, US
[71] FERG, THOMAS EUGENE, US
[22] 2016-11-29
[41] 2018-05-29

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[51] **Int.Cl. A61H 9/00 (2006.01) A61F 7/00 (2006.01)**
[25] EN
[54] **LIQUID CIRCULATION MEMBER FOR MASSAGE DEVICE**
[54] **ELEMENT DE CIRCULATION DU LIQUIDE DESTINE A UN APPAREIL DE MASSAGE**
[72] YANG, CHENG-CHUAN, TW
[71] YANG, CHENG-CHUAN, TW
[22] 2016-11-30
[41] 2018-05-30

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[51] **Int.Cl. E04C 3/07 (2006.01)**
[25] EN
[54] **METAL STUD FOR USE IN SOUND ATTENUATING WALL SYSTEM UTILIZING HIGH DENSITY WALLBOARD**
[54] **CRAMPON METALLIQUE DESTINE A UN SYSTEME DE PAROI ATTENUANT LE SON EMPLOYANT UN PANNEAU MURAL HAUTE DENSITE**
[72] RICE, JOHN, CA
[71] BAILEY METAL PRODUCTS LIMITED, CA
[22] 2016-11-30
[41] 2018-05-30

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[13] A1
[51] **Int.Cl. G09F 3/02 (2006.01) F16N 3/12 (2006.01)**
[25] EN
[54] **CARTRIDGE SPLIT RING INFORMATION TAG**
[54] **ETIQUETTE D'INFORMATION DE BAGUE FENDUE DE CARTOUCHE**
[72] HEINZLMEIR, DANNY M., CA
[71] HEINZLMEIR, DANNY M., CA
[22] 2016-12-01
[41] 2018-06-01

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[13] A1
[51] **Int.Cl. A45C 11/00 (2006.01) A47D 5/00 (2006.01) A47G 9/00 (2006.01)**
[25] EN
[54] **MATERNITY BAG WITH UNNOTICEABLE CHANGING MAT AND METHOD THEREOF**
[54] **SAC DE MATERNITE EQUIPE D'UN TAPIS A LANGER DISCRET ET METHODE ASSOCIEE**
[72] PEROU, KRYSTEL, CA
[71] BRELOKQ MD, CA
[22] 2016-12-02
[41] 2018-06-02

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|13| A1
|51| **Int.Cl. H01R 13/533 (2006.01) H01R 13/639 (2006.01)**
|25| EN
|54| **LOCK FOR AN EXPLOSION PROOF CONNECTOR**
|54| **VERROU DESTINE A UN CONNECTEUR A L'EPREUVE DES EXPLOSIONS**
|72| MOSS, IAN T., CA
|72| ROGERS, TIMOTHY D., CA
|71| RD SCAN HOLDINGS INC., CA
|22| 2016-12-02
|41| 2018-06-02

|21| **2,950,370**
|13| A1
|51| **Int.Cl. C23F 11/04 (2006.01) C09K 8/52 (2006.01) C09K 8/54 (2006.01) C09K 8/74 (2006.01) C23G 1/02 (2006.01)**
|25| EN
|54| **NOVEL CORROSION INHIBITION PACKAGE**
|54| **EMBALLAGE NOVATEUR INHIBITEUR DE CORROSION**
|72| PURDY, CLAY, CA
|72| WEISSENBERGER, MARKUS, CA
|71| FLUID ENERGY GROUP LTD., CA
|22| 2016-12-02
|41| 2018-06-02

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|13| A1
|51| **Int.Cl. A61K 47/38 (2006.01) A61K 9/00 (2006.01) A61K 9/48 (2006.01) A61M 31/00 (2006.01)**
|25| EN
|54| **EXPANDABLE GASTRORETENTIVE DOSAGE FORM**
|54| **FORMULATION DE DOSAGE A RETENTION GASTRIQUE MODULABLE**
|72| BEN MENACHEM, AVSHALOM, IL
|72| ZALIT, ILAN, IL
|71| TEVA PHARMACEUTICAL INDUSTRIES LTD., IL
|22| 2016-12-02
|41| 2018-06-02

|21| **2,950,377**
|13| A1
|51| **Int.Cl. A47G 25/14 (2006.01) A47G 25/02 (2006.01) F16M 13/00 (2006.01)**
|25| EN
|54| **CLAMPING DEVICE FOR HANGING ARTICLES**
|54| **DISPOSITIF DE SERRAGE DESTINE A DES ARTICLES SUSPENDUS**
|72| RICHARD, GERARD J., CA
|71| RICHARD, GERARD J., CA
|22| 2016-12-02
|41| 2018-06-02

|21| **2,950,473**
|13| A1
|51| **Int.Cl. F03B 13/14 (2006.01)**
|25| EN
|54| **NEGATIVE-PRESSURE WAVE GENERATOR**
|54| **GENERATEUR D'ONDE A PRESSION NEGATIVE**
|72| WU, TING-CHING, TW
|71| WU, TING-CHING, TW
|22| 2016-12-02
|41| 2018-06-02

|21| **2,950,474**
|13| A1
|51| **Int.Cl. A45D 34/04 (2006.01)**
|25| EN
|54| **COSMETIC APPLICATOR**
|54| **APPLICATEUR DE COSMETIQUE**
|72| HUANG, WEI CHIN, CN
|71| HUANG, WEI CHIN, CN
|22| 2016-12-02
|41| 2018-06-02

|21| **2,950,477**
|13| A1
|51| **Int.Cl. B32B 3/06 (2006.01) B32B 3/08 (2006.01) B32B 3/14 (2006.01) B32B 3/22 (2006.01) B32B 7/08 (2006.01) B32B 21/13 (2006.01) E04B 1/98 (2006.01) E04C 2/26 (2006.01) E04C 2/38 (2006.01) E04H 9/14 (2006.01)**
|25| EN
|54| **BLAST PANEL ASSEMBLY**
|54| **ASSEMBLAGE DE PANNEAUX D'EXPLOSION**
|72| DANTZER, HUGH A., CA
|72| EL-DOMIATY, KHALED, US
|71| STONE PROTECTIVE SOLUTIONS, LLC, US
|22| 2016-12-02
|41| 2018-06-02

|21| **2,950,503**
|13| A1
|51| **Int.Cl. A45C 5/03 (2006.01) A45C 13/00 (2006.01)**
|25| EN
|54| **COMBINATION LUGGAGE AND DRINK HOLDER ASSEMBLY**
|54| **COMBINAISON DE BAGAGE ET DE DISPOSITIF PORTE-BOISSON**
|72| TONG, JOY, US
|71| TONG, JOY, US
|22| 2016-12-02
|41| 2018-06-02

|21| **2,950,506**
|13| A1
|51| **Int.Cl. G01R 31/02 (2006.01) H02J 13/00 (2006.01)**
|25| EN
|54| **WAVEFORM SEPARATOR APPARATUS AND METHOD FOR DETECTING LEAKAGE CURRENT IN HIGH VOLTAGE DIRECT CURRENT POWER SYSTEMS**
|54| **APPAREIL SEPARATEUR DE FORME D'ONDE ET METHODE DE DETECTION DE COURANT DE FUITE DANS LES SYSTEMES D'ALIMENTATION EN COURANT DIRECT HAUTE TENSION**
|72| BILIC, ZORAN, CA
|72| BALL, DAVID JAMES, US
|71| QUANTA ASSOCIATES, L.P., US
|22| 2016-12-02
|41| 2018-06-02

|21| **2,950,508**
|13| A1
|51| **Int.Cl. F16F 15/02 (2006.01) F16F 7/10 (2006.01) F16F 15/00 (2006.01) F16F 15/08 (2006.01)**
|25| EN
|54| **COMPACT VIBRATION REDUCING HUMAN SUPPORT**
|54| **SUPPORT HUMAIN REDUISANT LA VIBRATION DE CONTACT**
|72| FEREIDOONI, AMIN, CA
|72| WICKRAMASINGHE, VIRESH, CA
|72| CHEN, YONG ERIC, CA
|71| NATIONAL RESEARCH COUNCIL OF CANADA, CA
|22| 2016-12-02
|41| 2018-06-02

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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/36 (2012.01) G06F 21/62 (2013.01)**
[25] EN
[54] **ASYNCHRONOUS CRYPTOGRAM-BASED AUTHENTICATION PROCESSES**
[54] **PROCEDES D'AUTHENTIFICATION FONDES SUR UN CRYPTOGRAMME ASYNCHRONE**
[72] TSERETOPOULOS, DEAN C.N., CA
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG SUK, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-12-02
[41] 2018-06-01
[30] US (15/366,546) 2016-12-01

[21] **2,950,554**
[13] A1
[51] **Int.Cl. F21V 21/00 (2006.01) F21V 21/002 (2006.01) F21V 21/02 (2006.01) F21V 23/06 (2006.01)**
[25] EN
[54] **EXTERIOR LAMP MOUNTING ADAPTOR**
[54] **ADAPTATEUR D'INSTALLATION DE LAMPE EXTERIEURE**
[72] BAILEY, SIMON, CA
[72] DAHAN, MICHAEL, CA
[72] WEXELMAN, LESLIE, CA
[71] LES PRODUITS SUNFORCE INC., CA
[22] 2016-12-02
[41] 2018-06-02

[21] **2,950,633**
[13] A1
[51] **Int.Cl. G06Q 30/08 (2012.01) G06F 3/0482 (2013.01) G06F 3/0484 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD OF AUCTION MANAGEMENT**
[54] **SYSTEME ET METHODE DE GESTION D'ENCHERES**
[72] KRUPNIK, JOHN, US
[72] ABRAHAM, MAJU, US
[72] HILLIARD, ADAM, US
[72] HENDERSHOT, JEFF, US
[71] KAR AUCTION SERVICES, INC., US
[22] 2016-11-30
[41] 2018-05-28
[30] US (62/426,826) 2016-11-28

[21] **2,950,678**
[13] A1
[51] **Int.Cl. A23L 5/00 (2016.01) A23L 5/10 (2016.01) A23L 3/36 (2006.01) A47J 43/00 (2006.01) B65G 49/00 (2006.01)**
[25] EN
[54] **VARIABLE FOOD PRODUCT COOKER AND CHILLER**
[54] **APPAREIL DE CUISSON ET REFROIDISSEMENT DE PRODUIT ALIMENTAIRE VARIABLE**
[72] CHEYNE, MATTHEW, US
[71] D.M. ADVANTAGE, INC., US
[22] 2016-12-05
[41] 2018-05-29
[30] US (15/363,423) 2016-11-29

[21] **2,950,712**
[13] A1
[51] **Int.Cl. E06B 1/04 (2006.01) E06B 1/12 (2006.01) E06B 1/36 (2006.01) E06B 1/52 (2006.01)**
[25] EN
[54] **MASONRY LINTEL FOR LONG SPANS**
[54] **LINTEAU DE MACONNERIE DESTINE A DE LONGUES TRAVEES**
[72] HOHMANN, RONALD P., JR., US
[72] OSMANSKI, RICHARD, US
[72] MASON, CHRISTOPHER, US
[71] MITEK HOLDINGS, INC., US
[22] 2016-12-02
[41] 2018-06-02

[21] **2,950,716**
[13] A1
[51] **Int.Cl. E06B 1/04 (2006.01) E06B 1/12 (2006.01) E06B 1/36 (2006.01) E06B 1/52 (2006.01)**
[25] EN
[54] **LONG SPAN MASONRY LINTEL SUPPORT SYSTEM**
[54] **DISPOSITIF DE SOUTIEN DE LINTEAU DE MACONNERIE A LONGUE PORTEE**
[72] HOHMANN, RONALD P., JR., US
[72] OSMANSKI, RICHARD, US
[72] MASON, CHRISTOPHER, US
[71] MITEK HOLDINGS, INC., US
[22] 2016-12-02
[41] 2018-06-02

[21] **2,952,551**
[13] A1
[51] **Int.Cl. G01N 21/71 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CHARACTERIZING AN AGGREGATE SAMPLE BY USING LASER-INDUCED BREAKDOWN SPECTROSCOPY**
[54] **METHODE ET SYSTEME DE CARACTERISATION D'UN ECHANTILLON AGREGE AU MOYEN DE LA SPECTROSCOPIE DE FRACTIONNEMENT INDUIT PAR LASER**
[72] HARHIRA, AISSA, CA
[72] SABSABI, MOHAMAD, CA
[72] EL HADDAD, JOSETTE, CA
[72] BLOUIN, ALAIN, CA
[71] NATIONAL RESEARCH COUNCIL CANADA, CA
[22] 2016-12-22
[41] 2018-05-30
[30] CA (2,950,163) 2016-11-30

[21] **2,954,035**
[13] A1
[51] **Int.Cl. H02J 50/10 (2016.01) H02J 50/90 (2016.01)**
[25] EN
[54] **MAGNETIC DEVICE MOUNT**
[54] **FIXATION DE DISPOSITIF MAGNETIQUE**
[72] MCSWEYN, CHRISTOPHER MICHAEL, US
[72] ALVES, VINCE, US
[71] SCOSCHE INDUSTRIES, INC., US
[22] 2017-01-10
[41] 2018-06-01
[30] US (15/366,207) 2016-12-01

[21] **2,954,296**
[13] A1
[51] **Int.Cl. E01F 9/518 (2016.01) E01F 9/50 (2016.01) E01F 9/576 (2016.01)**
[25] EN
[54] **DEVICE FOR AUTOMATIC RE-STRIPING OF HORIZONTAL ROAD MARKINGS**
[54] **DISPOSITIF DE REMARQUAGE AUTOMATIQUE DE MARQUAGES ROUTIERS HORIZONTAUX**
[72] CHARNENKA, DZMITRY, BY
[72] ARKESAU, VIKTAR, BY
[71] OOO "STIM", BY
[22] 2017-01-10
[41] 2018-06-01
[30] US (15/366,965) 2016-12-01

[21] **2,954,499**
[13] A1
[51] **Int.Cl. E04F 15/18 (2006.01) E04F 15/024 (2006.01) E04F 15/22 (2006.01)**
[25] EN
[54] **MODULAR RAISED FLOOR SYSTEM**
[54] **SYSTEME DE PLANCHER SURELEVE MODULAIRE**
[72] GOSLING, GEOFF W., CA
[72] SMED, MOGENS F., CA
[72] BROWN, THOMAS, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
[22] 2017-01-13
[41] 2018-06-01
[30] US (15/366,709) 2016-12-01

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[21] **2,954,721**
[13] A1
[51] **Int.Cl. F25D 23/00 (2006.01) B67D 1/12 (2006.01) F25D 23/12 (2006.01)**
[25] EN
[54] **FULLY SEALED WATER DISPENSER MECHANISM**
[54] **MECANISME DE DISTRIBUTION D'EAU ENTIEREMENT SCELLE**
[72] THAYYULLATHIL, JEMSHEER, US
[72] ORTNER, MATTHEW, US
[71] VIKING RANGE, LLC, US
[22] 2017-01-13
[41] 2018-05-30
[30] US (15/365,531) 2016-11-30

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[21] **2,955,741**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY SM14299337**
[54] **VARIETE DE SOJA SM14299337**
[72] ROJAS, EVELYN VALERA, CA
[72] GREASON, KARI, CA
[71] AGRIGENETICS, INC., US
[22] 2017-01-23
[41] 2018-06-01
[30] US (62/428,819) 2016-12-01

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[21] **2,955,745**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY MN11278981**
[54] **VARIETE DE SOJA MN11278981**
[72] SCHULTZE, DENNIS, US
[71] AGRIGENETICS, INC., US
[22] 2017-01-23
[41] 2018-06-01
[30] US (62/428,805) 2016-12-01

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[21] **2,955,843**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY MN11277371**
[54] **VARIETE DE SOJA MN11277371**
[72] SCHULTZE, DENNIS, US
[71] AGRIGENETICS, INC., US
[22] 2017-01-24
[41] 2018-06-01
[30] US (62/428,829) 2016-12-01

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[21] **2,955,847**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY AM10995468**
[54] **VARIETE DE SOJA AM10995468**
[72] HAYES, MARK F., US
[71] AGRIGENETICS, INC., US
[22] 2017-01-24
[41] 2018-06-01
[30] US (62/428,810) 2016-12-01

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[21] **2,956,211**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY SM14328903**
[54] **VARIETE DE SOJA SM14328903**
[72] ROJAS, EVELYN VALERA, CA
[72] GREASON, KARI, CA
[71] AGRIGENETICS, INC., US
[22] 2017-01-25
[41] 2018-06-01
[30] US (62/428,811) 2016-12-01

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[21] **2,956,223**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY SM14307266**
[54] **VARIETE DE SOJA SM14307266**
[72] ROJAS, EVELYN VALERA, CA
[72] GREASON, KARI, CA
[71] AGRIGENETICS, INC., US
[22] 2017-01-25
[41] 2018-06-01
[30] US (62/428,827) 2016-12-01

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[21] **2,956,622**
[13] A1
[51] **Int.Cl. F16T 1/08 (2006.01)**
[25] EN
[54] **THERMOSTATIC STEAM TRAP**
[54] **PIEGE A VAPEUR THERMOSTATIQUE**
[72] WINGERATH, CHRISTIAN, DE
[71] VELAN INC., CA
[22] 2017-01-31
[41] 2018-05-29
[30] US (62/427,718) 2016-11-29
[30] US (15/420,095) 2017-01-31

[21] **2,959,823**
[13] A1
[51] **Int.Cl. F16L 3/18 (2006.01)**
[25] EN
[54] **SLIDE BEARING PLATES, PIPE SUPPORT STANDS, AND RELATED METHODS OF USE**
[54] **PLAQUES DE PALIER COULISSANT, SUPPORTS DE TUYAU ET METHODES D'UTILISATION ASSOCIEES**
[72] MAIER, DEAN R., CA
[72] LONGMIRE, ANDREW J., CA
[71] SKAALERUD, SHERYL, CA
[71] MAIER, DEAN R., CA
[22] 2017-03-02
[41] 2018-05-30
[30] CA (2,950,070) 2016-11-30

[21] **2,963,647**
[13] A1
[51] **Int.Cl. A47J 37/12 (2006.01)**
[25] EN
[54] **ELECTRIC FRYER**
[54] **FRITEUSE ELECTRIQUE**
[72] MURAD, URI, US
[72] MAN, KAIMONG, CN
[71] NINGBO BIYI ELECTRIC APPLIANCE CO., LTD, CN
[71] TEAM INTERNATIONAL GROUP OF AMERICA INC., US
[22] 2017-04-10
[41] 2018-06-02
[30] US (15/367,689) 2016-12-02
[30] US (15/444,166) 2017-02-27

[21] **2,964,529**
[13] A1
[51] **Int.Cl. A47G 19/14 (2006.01) A47J 31/18 (2006.01)**
[25] EN
[54] **POT**
[54] **POT**
[72] LIU, SHENG-YU, TW
[71] FREE-FREE INDUSTRIAL CORP., TW
[22] 2017-04-18
[41] 2018-05-28
[30] TW (105139060) 2016-11-28

[21] **2,966,148**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING PRODUCT RECALLS**
[54] **SYSTEMES ET METHODES DE SURVEILLANCE DE RAPPELS DE PRODUITS**
[72] MILLHOUSE, ANDREW B., US
[71] WAL-MART STORES, INC., US
[22] 2017-05-04
[41] 2018-05-28
[30] US (62/426,762) 2016-11-28

[21] **2,967,483**
[13] A1
[51] **Int.Cl. A45D 24/44 (2006.01)**
[25] EN
[54] **COMB ACCESSORY**
[54] **ACCESSOIRE DE PEIGNE**
[72] KRISHEVSKI, AHARON, IL
[71] KRISHEVSKI, AHARON, IL
[22] 2017-05-17
[41] 2018-05-27
[30] US (62/426,530) 2016-11-27

[21] **2,971,456**
[13] A1
[51] **Int.Cl. A47B 91/06 (2006.01) A47B 91/16 (2006.01)**
[25] EN
[54] **SELF-ADJUSTING FURNITURE GLIDE**
[54] **PATIN DE MEUBLE A AJUSTEMENT AUTOMATIQUE**
[72] CARPINELLA, RALPH, US
[71] CARPIN MANUFACTURING, INC., US
[22] 2017-06-21
[41] 2018-06-01
[30] US (15/366,491) 2016-12-01

[21] **2,973,442**
[13] A1
[51] **Int.Cl. F01D 25/28 (2006.01) B64D 33/02 (2006.01) F02C 7/20 (2006.01)**
[25] EN
[54] **SUPPORT STRUCTURE FOR RADIAL INLET OF GAS TURBINE ENGINE**
[54] **STRUCTURE DE SUPPORT DESTINEE A UNE ENTREE RADIALE D'UNE TURBINE A GAZ**
[72] HO, ERIC, CA
[72] ZEINALOV, JAMAL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-07-13
[41] 2018-05-30
[30] US (15/365,392) 2016-11-30

[21] **2,975,463**
[13] A1
[51] **Int.Cl. A23L 27/30 (2016.01) A23L 27/00 (2016.01) A23L 2/60 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING NATURAL SWEETENER COMBINATIONS AND FOOD AND BEVERAGE PRODUCTS COMPRISING SAME**
[54] **COMPOSITIONS RENFERMANT DES COMBINAISONS D'EDULCORANT NATUREL, ET ALIMENT ET BOISSON RENFERMANT LESDITES COMPOSITIONS**
[72] BILBE, DREW BENJAMIN, AU
[72] DOUGLAS, TROY ALEXANDER FINDLAY, AU
[71] NEXBA IP PTY LTD, AU
[22] 2017-08-03
[41] 2018-05-28
[30] US (62/426,852) 2016-11-28

[21] **2,975,690**
[13] A1
[51] **Int.Cl. F01D 11/20 (2006.01) F01D 9/02 (2006.01) F01D 17/16 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE BLEED CONFIGURATION**
[54] **CONFIGURATION DE PURGE DE MOTEUR DE TURBINE A GAZ**
[72] DUONG, HIEN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-07
[41] 2018-06-02
[30] US (15/367,220) 2016-12-02

[21] **2,976,549**
[13] A1
[51] **Int.Cl. F02C 7/14 (2006.01) B64D 33/08 (2006.01) F01D 25/12 (2006.01) F28D 20/02 (2006.01)**
[25] EN
[54] **COOLING SYSTEM AND METHOD FOR GAS TURBINE ENGINE**
[54] **SYSTEME DE REFROIDISSEMENT ET METHODE DESTINES A UNE TURBINE A GAZ**
[72] MENHEERE, DAVID, CA
[72] ALECU, DANIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-15
[41] 2018-06-02
[30] US (15/367,450) 2016-12-02

[21] **2,976,550**
[13] A1
[51] **Int.Cl. F02C 7/14 (2006.01) B64D 33/08 (2006.01) F01D 25/12 (2006.01) F28D 20/02 (2006.01) F28F 23/00 (2006.01)**
[25] EN
[54] **CONDENSATION COOLING SYSTEM FOR GAS TURBINE ENGINE**
[54] **SYSTEME DE REFROIDISSEMENT PAR CONDENSATION DESTINE A UNE TURBINE A GAZ**
[72] MENHEERE, DAVID, CA
[72] ALECU, DANIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-15
[41] 2018-06-02
[30] US (62/429,326) 2016-12-02
[30] US (15/373,049) 2016-12-08

[21] **2,978,292**
[13] A1
[51] **Int.Cl. F01D 17/16 (2006.01) F02C 7/057 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF REDUCING DISTORTIONS OF THE INLET AIRFLOW TO A TURBOMACHINE**
[54] **SYSTEMES ET METHODE DE REDUCTION DES DISTORSIONS D'UN FLUX D'AIR D'ENTREE D'UNE TURBOMACHINE**
[72] DUGE, ROBERT T., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[22] 2017-09-05
[41] 2018-05-29
[30] US (15/363,654) 2016-11-29

[21] **2,978,742**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **WORKLOAD SHIFTING IN A DATABASE SYSTEM USING HINT-BASED ROUTING**
[54] **TRANSFERT DE CHARGE DE TRAVAIL DANS UN SYSTEME DE BASE DE DONNEES AU MOYEN DE ROUTAGE FONDE SUR UNE INFORMATION**
[72] LEE, CHUL WON, DE
[72] JEONG, YONG WOOK, DE
[72] YOON, MIN JI, DE
[72] MCHARDY, IAN, DE
[72] SINGHI, ABHISHEK, DE
[72] ALBION, JEFF, DE
[72] JONES, RICH, DE
[71] SAP SE, DE
[22] 2017-09-07
[41] 2018-05-28
[30] US (15/362,238) 2016-11-28

[21] **2,979,472**
[13] A1
[51] **Int.Cl. A47J 37/06 (2006.01) A47J 37/01 (2006.01) A47J 43/20 (2006.01)**
[25] EN
[54] **WAFFLE SANDWICH MAKER AND METHOD OF PREPARING A FOOD PRODUCT WITH THE WAFFLE SANDWICH MAKER**
[54] **MACHINE A FABRIQUER UN SANDWICH GAUFRE ET METHODE DE PREPARATION D'UN PRODUIT ALIMENTAIRE AU MOYEN DE LA MACHINE A FABRIQUER UN SANDWICH GAUFRE**
[72] LANGENFELD, ROBERTA M., US
[72] STENVIK, RALPH A., US
[72] SWANSON, LISA, US
[72] FUENTES, KARLA M., US
[72] WOLF, MICHELE K., US
[72] HARDER, ZACHARY, US
[72] RASMUSSEN, TODD A., US
[72] LARSON, BRUCE D., US
[72] SHANNYN, STUART, US
[71] GENERAL MILLS, INC., US
[22] 2017-09-18
[41] 2018-05-29
[30] US (15/363,695) 2016-11-29

[21] **2,979,790**
[13] A1
[51] **Int.Cl. B23P 19/04 (2006.01) B64F 5/10 (2017.01) B23P 23/00 (2006.01) B23Q 41/00 (2006.01) B25J 5/02 (2006.01) B25J 9/00 (2006.01)**
[25] EN
[54] **COMPOUND CONTOUR VACUUM TRACK FOR AUTOMATION OF FINAL ASSEMBLY FROM THE INTERIOR OF A FUSELAGE**
[54] **RAIL D'ASPIRATION DE CONTOUR COMPOSE DESTINE A L'AUTOMATISATION DE L'ASSEMBLAGE FINAL A PARTIR DE L'INTERIEUR D'UN FUSELAGE**
[72] CHAN, KWOK TUNG, JR., US
[72] SISCO, TANNI, US
[72] HARTMANN, JOHN, US
[72] TOMCHICK, SCOTT CHARLES, US
[72] MESTEMACHER, FRANK CHARLES, US
[71] THE BOEING COMPANY, US
[22] 2017-09-20
[41] 2018-05-30
[30] US (15/365426) 2016-11-30

[21] **2,979,862**
[13] A1
[51] **Int.Cl. B23P 19/04 (2006.01) B64F 5/10 (2017.01) B25J 9/00 (2006.01) B25J 19/02 (2006.01) B64C 1/06 (2006.01)**
[25] EN
[54] **AUTOMATED FASTENING MACHINE USING A COMPOUND CONTOUR VACUUM TRACK FOR AUTOMATION OF FINAL ASSEMBLY FROM THE INTERIOR OF A FUSELAGE**
[54] **MACHINE DE FIXATION AUTOMATISEE EMPLOYANT UN RAIL D'ASPIRATION DE CONTOUR COMPOSE DESTINE A L'AUTOMATISATION DE L'ASSEMBLAGE FINAL A PARTIR DE L'INTERIEUR D'UN FUSELAGE**
[72] CHAN, KWOK TUNG, JR., US
[72] SISCO, TANNI, US
[72] HARTMANN, JOHN, US
[72] TOMCHICK, SCOTT CHARLES, US
[72] MESTEMACHER, FRANK CHARLES, US
[72] HANSONSMITH, RILEY, US
[71] THE BOEING COMPANY, US
[22] 2017-09-21
[41] 2018-05-30
[30] US (15/365441) 2016-11-30

[21] **2,980,021**
[13] A1
[51] **Int.Cl. E21B 33/04 (2006.01) E21B 19/06 (2006.01)**
[25] EN
[54] **TUBING HANGER ASSEMBLY WITH WELLBORE ACCESS, AND METHOD OF ACCESSING A WELLBORE**
[54] **DISPOSITIF DE SUSPENSION DE COLONNE DE PRODUCTION DOTE D'UN ACCES AU TROU DE FORAGE, ET METHODE D'ACCES A UN TROU DE FORAGE**
[72] ROSS, STEPHEN C., US
[71] ROSS, JERRY D., US
[22] 2017-09-22
[41] 2018-05-29
[30] US (62/427,393) 2016-11-29
[30] US (15/704,762) 2017-09-14

[21] **2,980,052**
[13] A1
[51] **Int.Cl. C22F 1/10 (2006.01) C22C 19/05 (2006.01) C22C 30/00 (2006.01) C22F 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING NI-BASED SUPERALLOY MATERIAL**
[54] **METHODE DE PRODUCTION D'UN MATERIAU DE SUPERALLIAGE A BASE DE NI**
[72] NARITA, SHUJI, JP
[72] IZUMI, KOHKI, JP
[72] YAMASHITA, KENTA, JP
[72] UETA, SHIGEKI, JP
[71] DAIDO STEEL CO., LTD., JP
[22] 2017-09-22
[41] 2018-05-28
[30] JP (2016-230365) 2016-11-28

[21] **2,980,063**
[13] A1
[51] **Int.Cl. C22F 1/10 (2006.01) C22C 19/05 (2006.01) C22C 30/00 (2006.01) C22F 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING NI-BASED SUPERALLOY MATERIAL**
[54] **METHODE DE PRODUCTION D'UN MATERIAU DE SUPERALLIAGE A BASE DE NI**
[72] NARITA, SHUJI, JP
[72] IZUMI, KOHKI, JP
[72] YAMASHITA, KENTA, JP
[72] UETA, SHIGEKI, JP
[71] DAIDO STEEL CO., LTD., JP
[22] 2017-09-22
[41] 2018-05-28
[30] JP (2016-230364) 2016-11-28

[21] **2,982,004**
[13] A1
[51] **Int.Cl. F02C 7/052 (2006.01) F02C 7/05 (2006.01) F02C 9/00 (2006.01) F02C 9/16 (2006.01)**
[25] EN
[54] **CONTROL TECHNOLOGIES FOR TURBINE ENGINE WITH INTEGRATED INLET PARTICLE SEPARATOR AND INFRARED SUPPRESSION SYSTEM**
[54] **TECHNOLOGIES DE CONTROLE DESTINEES A UNE TURBINE DOTEES D'UN SEPARATEUR DE PARTICULE D'ENTREE INTEGREE ET D'UN SYSTEME DE SUPPRESSION INFRAROUGE**
[72] ZELLER, ROBERT J., US
[72] SKERTIC, RICHARD J., US
[72] DOUGHERTY, MICHAEL P., US
[72] CLINE, C. HARVEY O., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-10-11
[41] 2018-05-30
[30] US (15/364909) 2016-11-30

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[13] A1
[51] **Int.Cl. B63C 1/12 (2006.01) B63B 35/85 (2006.01)**
[25] EN
[54] **SMALL WATERCRAFT LAUNCH**
[54] **RAMPE DESTINEE A UNE PETITE EMBARCATION**
[72] IMEL, DUSTIN, US
[72] WALD, ADAM, US
[72] MOLOHON, LARRY D., US
[71] E-Z DOCK, INC., US
[22] 2017-10-16
[41] 2018-05-30
[30] US (62/428,365) 2016-11-30

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[13] A1
[51] **Int.Cl. A61F 7/00 (2006.01) A61L 31/08 (2006.01) A61L 31/16 (2006.01) A61M 35/00 (2006.01)**
[25] EN
[54] **DEVICES FOR APPLYING A TOPICAL TREATMENT**
[54] **DISPOSITIFS SERVANT A APPLIQUER UN TRAITEMENT TOPIQUE**
[72] FIA, ROBERTO, CA
[72] BATTISTUZZI, MAURIZIO, CA
[71] THE JENEX CORPORATION, CA
[22] 2017-10-18
[41] 2018-05-28
[30] US (62/426,889) 2016-11-28

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[13] A1
[51] **Int.Cl. F02C 7/28 (2006.01) F02C 7/20 (2006.01)**
[25] EN
[54] **SEAL ASSEMBLY FOR GAS TURBINE ENGINE COMPONENTS**
[54] **ASSEMBLAGE DE JOINT DESTINE AUX COMPOSANTES DE TURBINE A GAZ**
[72] VETTERS, DANIEL K., US
[72] SIPPEL, AARON D., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-10-19
[41] 2018-05-29
[30] US (15/363,730) 2016-11-29

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[13] A1
[51] **Int.Cl. B64C 1/14 (2006.01) B64C 27/04 (2006.01)**
[25] EN
[54] **A ROTARY WING AIRCRAFT WITH A SLIDING ELEMENT, IN PARTICULAR A SLIDING DOOR OR A SLIDING WINDOW**
[54] **UN AERONEF A VOILURE ROTATIVE DOTE D'UN ELEMENT COULISSANT, EN PARTICULIER UNE PORTE COULISSANTE OU UNE FENETRE COULISSANTE**
[72] VAYSSIERE, AURELIEN, DE
[72] FRUTTET, PIERRE, FR
[72] JOUSSELIN, FABRICE, FR
[72] SIENICKI, ROBERT, PL
[72] TAZBIR, BARTLOMIEJ, PL
[72] MROZ, MICHAL, PL
[72] REIN, BERNHARD, DE
[71] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[71] AIRBUS HELICOPTERS, FR
[22] 2017-10-20
[41] 2018-05-28
[30] EP (16400054.9) 2016-11-28

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[51] **Int.Cl. A47F 3/04 (2006.01) E06B 3/66 (2006.01) E06B 3/67 (2006.01) F25D 21/08 (2006.01) F25D 23/00 (2006.01) H05B 3/86 (2006.01) B32B 3/08 (2006.01) B32B 17/00 (2006.01) C09D 5/24 (2006.01)**
[25] EN
[54] **VACUUM INSULATED GLASS ASSEMBLY WITH HEATED COATING**
[54] **ASSEMBLAGE DE VERRE ISOLE AU VIDE DOTE D'UN REVETEMENT CHAUFFE**
[72] ARTWOHL, PAUL J., US
[72] NOCHOLSON, JEFFERY W., US
[72] ROLEK, MATTHEW, US
[72] SANDNES, MARK, US
[71] ANTHONY, INC., US
[22] 2017-10-23
[41] 2018-05-28
[30] US (15/362,552) 2016-11-28

[21] **2,984,347**
[13] A1
[51] **Int.Cl. C22C 19/05 (2006.01) B22D 25/02 (2006.01)**
[25] EN
[54] **NICKEL BASE CASTING ALLOY, CASTING, AND METHOD FOR MANUFACTURING AN IMPELLER OF A ROTARY MACHINE**
[54] **ALLIAGE DE COULAGE A BASE DE NICKEL, COULAGE ET METHODE DE FABRICATION D'UNE HELICE D'UNE MACHINE ROTATIVE**
[72] LUKEZIC, DAVID, CH
[71] SULZER MANAGEMENT AG, CH
[22] 2017-10-31
[41] 2018-05-29
[30] EP (16201193.6) 2016-11-29

[21] **2,984,355**
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[51] **Int.Cl. B60D 1/01 (2006.01) B64F 5/60 (2017.01) B60D 1/24 (2006.01) B64F 1/10 (2006.01)**
[25] EN
[54] **TRAILER-MOUNTED MOCK LANDING GEAR**
[54] **TRAIN D'ATTERRISSAGE SIMULE INSTALLE SUR UNE REMORQUE**
[72] BRUNCKHORST, CHRISTIAN, US
[72] BRIMLOW, NICHOLAS JAMES, US
[71] THE BOEING COMPANY, US
[22] 2017-10-27
[41] 2018-06-02
[30] US (15/367,981) 2016-12-02

[21] **2,984,972**
[13] A1
[51] **Int.Cl. B60W 20/10 (2016.01) B60W 20/30 (2016.01)**
[25] EN
[54] **CONTROL DEVICE AND CONTROL METHOD FOR HYBRID VEHICLE**
[54] **DISPOSITIF DE CONTROLE ET METHODE DE CONTROLE DE VEHICULE HYBRIDE**
[72] KOBAYASHI, NOBUFUSA, JP
[72] YOSHIKAWA, MASATO, JP
[72] KUMAZAKI, KENTA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-11-08
[41] 2018-05-29
[30] JP (2016-231853) 2016-11-29

[21] **2,985,422**
[13] A1
[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING INSTRUMENT WITH CURVED END EFFECTOR**
[54] **INSTRUMENT D'AGRAFAGE CHIRURGICAL A EFFECTEUR D'EXTREMITE COURBE**
[72] SHANKARSETTY, JEEVAN MADDUR, IN
[72] KALEPU, HARI NAGA, IN
[71] COVIDIEN LP, US
[22] 2017-11-14
[41] 2018-06-02
[30] IN (201611041364) 2016-12-02

[21] **2,985,443**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 17/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **CONTROL LINE RETAINER FOR A DOWNHOLE TOOL**
[54] **DISPOSITIF DE RETENUE DE LIGNE DE COMMANDE D'UN OUTIL DE FOND DE TROU**
[72] GOODMAN, BRANDON C., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2017-11-14
[41] 2018-05-29
[30] US (15/362,987) 2016-11-29

[21] **2,985,536**
[13] A1
[51] **Int.Cl. H01H 1/58 (2006.01) H01H 71/08 (2006.01) H01R 4/38 (2006.01)**
[25] EN
[54] **INSTALLATION SWITCHING DEVICE HAVING A CONTACT CLAMP**
[54] **DISPOSITIF DE COMMUTATEUR D'INSTALLATION EQUIPE D'UNE PINCE DE CONTACT**
[72] WEBER, RALF, DE
[72] MUDERS, ERWIN, DE
[72] EPPE, KLAUS-PETER, DE
[72] ORBAN, ALEXANDER, DE
[71] ABB SCHWEIZ AG, CH
[22] 2017-11-14
[41] 2018-05-28
[30] DE (10 2016 122 852.4) 2016-11-28

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[13] A1
[51] **Int.Cl. F16K 31/05 (2006.01) F16H 3/06 (2006.01) F16H 3/20 (2006.01) F16H 63/50 (2006.01) F16K 35/00 (2006.01) H01H 3/32 (2006.01)**
[25] EN
[54] **REGULATING OPERATION OF A DRIVE ASSEMBLY FOR MANUAL OVERRIDE OF AN ACTUATOR**
[54] **REGULATION DU FONCTIONNEMENT D'UN MECANISME D'ENTRAINEMENT DE REPRISE MANUELLE D'UN ACTIONNEUR**
[72] FOWLER, ROBERT ERLING, US
[72] REGENBRECHT, KURT DOUGLAS, US
[71] DRESSER, INC., US
[22] 2017-11-16
[41] 2018-05-27
[30] US (15/361,429) 2016-11-27

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[13] A1
[51] **Int.Cl. F21V 15/01 (2006.01) F21K 9/27 (2016.01) F21S 8/02 (2006.01) F21V 21/04 (2006.01)**
[25] EN
[54] **TROFFER RETROFIT KIT**
[54] **TROUSSE D'ADAPTATION DE CHEMIN LUMINEUX ENCASTRE**
[72] PRICE, ALEX KENDALL, US
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2017-11-16
[41] 2018-05-30
[30] US (15/364,924) 2016-11-30

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[13] A1
[51] **Int.Cl. F16F 1/12 (2006.01) F16F 1/10 (2006.01) F16P 1/00 (2006.01)**
[25] EN
[54] **REDUCING SPRING LOAD PRIOR TO MAINTENANCE ON AN ACTUATOR**
[54] **REDUCTION DE LA CHARGE DE RESSORT AVANT L'ENTRETIEN D'UN ACTIONNEUR**
[72] REGENBRECHT, KURT DOUGLAS, US
[71] DRESSER, INC., US
[22] 2017-11-16
[41] 2018-05-27
[30] US (15/361,427) 2016-11-27

[21] **2,985,767**
[13] A1
[51] **Int.Cl. B60K 11/06 (2006.01) B60K 11/08 (2006.01) B60K 15/00 (2006.01) B60K 15/01 (2006.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] EBERSPACH, GUNTER, DE
[72] JENSEN, HANS, DE
[71] EBERSPACHER CLIMATE CONTROL SYSTEMS GMBH & CO. KG, DE
[22] 2017-11-15
[41] 2018-06-02
[30] DE (10 2016 123 323.4) 2016-12-02

[21] **2,985,775**
[13] A1
[51] **Int.Cl. F16B 7/00 (2006.01) B21D 37/00 (2006.01)**
[25] EN
[54] **COLLAR AND SHAFT ASSEMBLY**
[54] **ASSEMBLAGE DE COLLIER ET TIGE**
[72] BREEN, SCOTT M., US
[72] PYPER, JOEL T., US
[71] STANDARD LIFTERS, INC., US
[22] 2017-11-16
[41] 2018-05-30
[30] US (62/428,008) 2016-11-30
[30] US (15/801,659) 2017-11-02

[21] **2,986,396**
[13] A1
[51] **Int.Cl. G01F 15/075 (2006.01) G05B 17/02 (2006.01)**
[25] EN
[54] **CALCULATION METHOD FOR COMPRESSED AIR-FLOW RATE, CALCULATION DEVICE THEREOF, AND STORAGE MEDIUM**
[54] **METHODE DE CALCUL DE DEBIT D'AIR COMPRIME, APPAREIL DE CALCUL ASSOCIE ET SUPPORT DE STOCKAGE**
[72] KITAGAWA, HIROKAZU, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-11-22
[41] 2018-05-30
[30] JP (2016-232980) 2016-11-30

[21] **2,986,539**
[13] A1
[51] **Int.Cl. G03G 9/08 (2006.01)**
[25] EN
[54] **METALLIC TONER COMPRISING METAL INTEGRATED PARTICLES**
[54] **ENCRE SECHE COMPORTANT DES PARTICULES METALLIQUES INTEGREES**
[72] JAN, LINDA, US
[71] XEROX CORPORATION, US
[22] 2017-11-23
[41] 2018-06-02
[30] US (15/367,755) 2016-12-02

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[21] **2,986,601**
[13] A1
[51] **Int.Cl. G01N 23/223 (2006.01) G01N 37/00 (2006.01)**
[25] EN
[54] **X-RAY FLUORESCENCE (XRF) ELEMENTAL ANALYSIS FOR PREDICTION OF OIL SANDS PROCESS VARIABLES**
[54] **ANALYSE ELEMENTAIRE DE FLUORESCENCE AUX RAYONS X DESTINEE A LA PREDICTION DES VARIABLES DE PROCEDE DE SABLES BITUMINEUX**
[72] GARVER, THEODORE MEYER, CA
[72] ZHANG, MIN, CA
[72] DAUGELA, DARCY, CA
[71] INNOTECH ALBERTA INC., CA
[22] 2017-11-23
[41] 2018-05-28
[30] US (62/427,051) 2016-11-28

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[13] A1
[51] **Int.Cl. A61B 17/221 (2006.01) A61M 1/00 (2006.01) A61M 25/00 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **DEVICES AND METHODS FOR REMOVAL OF ACUTE BLOCKAGES FROM BLOOD VESSELS**
[54] **DISPOSITIFS ET METHODE D'ELIMINATION DE BLOCAGES AIGUS DES VAISSEAUX SANGUINS**
[72] VALE, DAVID, IE
[72] CASEY, BRENDAN, IE
[72] GILVARRY, MICHAEL, IE
[72] MCARDLE, KEVIN, IE
[72] HOLIAN, MAEVE, IE
[72] HARDIMAN, DAVID, IE
[72] KEANE, ALAN, IE
[72] KING, DANIEL, IE
[72] O'GORMAN, JACQUELINE, IE
[72] BRADY, EAMON, IE
[71] NEURAVI LIMITED, IE
[22] 2017-11-24
[41] 2018-05-28
[30] US (15/362,377) 2016-11-28

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/00 (2016.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **VISUALIZATION OF DISTANCES TO WALLS OF ANATOMICAL CAVITIES**
[54] **VISUALISATION DES DISTANCES AUX PAROIS DES CAVITES ANATOMIQUES**
[72] GLINER, VADIM, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] MAYER, RAM BERNARD, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-11-23
[41] 2018-05-29
[30] US (15/364,156) 2016-11-29

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[51] **Int.Cl. G16H 30/40 (2018.01) A61B 90/00 (2016.01) A61B 6/03 (2006.01)**
[25] EN
[54] **IMPROVED VISUALIZATION OF ANATOMICAL CAVITIES**
[54] **VISUALISATION AMELIOREE DES CAVITES ANATOMIQUES**
[72] GLINER, VADIM, IS
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] MAYER, RAM BERNARD, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-11-23
[41] 2018-05-29
[30] US (15/364,144) 2016-11-29

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[13] A1
[51] **Int.Cl. A61L 2/24 (2006.01) A61L 2/16 (2006.01) A61L 2/20 (2006.01)**
[25] EN
[54] **STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS**
[54] **SYSTEME DE STERILISATION A CHAMBRES A VIDE INDEPENDANTES**
[72] OMIDBAKHSH, NAVID, US
[71] ETHICON, INC., US
[22] 2017-11-23
[41] 2018-05-29
[30] US (62/427,255) 2016-11-29
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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) G06T 7/30 (2017.01) A61B 5/05 (2006.01) A61B 6/03 (2006.01) A61B 8/12 (2006.01) A61B 8/13 (2006.01) G06T 5/00 (2006.01)**
[25] EN
[54] **COMPUTERIZED TOMOGRAPHY IMAGE CORRECTION**
[54] **CORRECTION D'IMAGE DE TOMOGRAPHIE INFORMATISEE**
[72] GOVARI, ASSAF, IL
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-11-23
[41] 2018-05-28
[30] US (15/362,518) 2016-11-28

[21] **2,986,725**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01) E21B 43/00 (2006.01)**
[25] FR
[54] **EXPLORATION PROCESS FOR A HYDROCARBON DEPOSIT BY PRODUCTION HISTORY SETTING AS A FUNCTION OF DIAGENESIS**
[54] **PROCEDE D'EXPLOITATION D'UN GISEMENT D'HYDROCARBURES PAR CALAGE D'HISTORIQUE DE PRODUCTION FONCTION DE LA DIAGENESE**
[72] LE RAVALEC, MICKAELE, FR
[72] BARBIER, MICKAEL, FR
[72] LEON CARRERA, MARIA FERNANDA, ES
[72] DOLIGEZ, BRIGITTE, FR
[71] IFP ENERGIES NOUVELLES, FR
[71] REPSOL, S.A., ES
[22] 2017-11-24
[41] 2018-05-29
[30] FR (16 61 634) 2016-11-29

[21] **2,986,733**
[13] A1
[51] **Int.Cl. E21B 49/08 (2006.01)**
[25] FR
[54] **EXPLORATION AND/OR MONITORING PROCESS FOR AN AQUIFER CONTAINING AT LEAST ONE DISSOLVED GAS**
[54] **PROCEDE D'EXPLOITATION ET/OU DE SURVEILLANCE D'UN AQUIFERE COMPORTANT AU MOINS UN GAZ DISSOUS**
[72] ROUCHON, VIRGILE, FR
[72] BEAUMONT, VALERIE, FR
[72] GARCIA, BRUNO, FR
[72] DURAND, ISABELLE, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2017-11-23
[41] 2018-05-28
[30] FR (16 61 559) 2016-11-28

[21] **2,986,782**
[13] A1
[51] **Int.Cl. F24F 13/04 (2006.01) F24F 12/00 (2006.01)**
[25] EN
[54] **COMBINED ECONOMIZER AND MIXER FOR AIR HANDLING UNIT**
[54] **ECONOMISEUR ET MELANGEUR COMBINES DESTINES A UN APPAREIL DE TRAITEMENT DE L'AIR**
[72] PAVOL, JEFFREY MARK, US
[72] DORSTE, DAVID CHARLES, US
[72] DEEMS, KEVIN, US
[71] BLENDER PRODUCTS, INC., US
[22] 2017-11-27
[41] 2018-06-01
[30] US (15/366,756) 2016-12-01

[21] **2,986,847**
[13] A1
[51] **Int.Cl. F24F 13/04 (2006.01) F24F 12/00 (2006.01)**
[25] EN
[54] **COMBINED ECONOMIZER AND MIXER FOR AIR HANDLING UNIT**
[54] **ECONOMISEUR ET MELANGEUR COMBINES DESTINES A UN APPAREIL DE TRAITEMENT DE L'AIR**
[72] PAVOL, JEFFREY MARK, US
[72] DORSTE, DAVID CHARLES, US
[72] DEEMS, KEVIN, US
[71] BLENDER PRODUCTS, INC., US
[22] 2017-11-27
[41] 2018-06-01
[30] US (15/366,756) 2016-12-01

[21] **2,986,851**
[13] A1
[51] **Int.Cl. B64C 1/12 (2006.01) B64F 5/10 (2017.01) B64C 3/26 (2006.01)**
[25] EN
[54] **AIRCRAFT COMPOSITE PANEL ASSEMBLY AND MANUFACTURING METHOD THEREOF**
[54] **ASSEMBLAGE DE PANNEAU COMPOSITE D'AERONEF ET METHODE DE FABRICATION ASSOCIEE**
[72] ROCHER PASTOR, MIGUEL ANGEL, ES
[72] TABERNERO MARTINEZ, VICTOR, ES
[71] AIRBUS OPERATIONS, S.L., ES
[22] 2017-11-28
[41] 2018-05-29
[30] EP (16382569.8) 2016-11-29

[21] **2,986,856**
[13] A1
[51] **Int.Cl. B05C 5/02 (2006.01)**
[25] EN
[54] **MULTI-BEAD APPLICATOR**
[54] **APPLICATEUR MULTI-CORDON**
[72] RUNDO, JOHN, US
[72] RUNDO, MARK, US
[72] JANOSKI, RONALD J., US
[71] ADVANTEC BUILDING PRODUCTS, US
[22] 2017-11-28
[41] 2018-05-30
[30] US (15/364,789) 2016-11-30

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[13] A1
[51] **Int.Cl. C10L 1/30 (2006.01) C10L 1/16 (2006.01) C10L 1/18 (2006.01) C10L 1/20 (2006.01) C10L 1/22 (2006.01) C10L 1/24 (2006.01) C10L 1/26 (2006.01) C10L 1/28 (2006.01)**
[25] EN
[54] **AVIATION GASOLINE CONTAINING BRANCHED AROMATICS WITH A MANGANESE OCTANE ENHANCER**
[54] **ESSENCE DE QUALITE AVION CONTENANT DES COMPOSES AROMATIQUES RAMIFIES DOTES D'UN AGENT D'ELEVATION D'OCTANE AU MANGANESE**
[72] MCAFEE, ZACHARY JOHN, US
[72] CALDERONE, JOSEPH ANTHONY, US
[71] AFTON CHEMICAL CORPORATION, US
[22] 2017-11-28
[41] 2018-06-01
[30] US (15/366,346) 2016-12-01

[21] **2,986,858**
[13] A1
[51] **Int.Cl. B42D 25/00 (2014.01) B42D 25/36 (2014.01) G06K 19/02 (2006.01)**
[25] EN
[54] **WOOD INLAY CARD AND METHOD FOR MAKING THE SAME**
[54] **CARTE DOTEE D'UNE INCRUSTATION DE BOIS ET METHODE DE FABRICATION ASSOCIEE**
[72] SUTHAR, OM J., US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2017-11-28
[41] 2018-05-29
[30] US (62/427,634) 2016-11-29

[21] **2,986,860**
[13] A1
[51] **Int.Cl. G06K 9/80 (2006.01) H04N 21/80 (2011.01) G06N 3/02 (2006.01)**
[25] EN
[54] **FACE DETECTION USING SMALL-SCALE CONVOLUTIONAL NEURAL NETWORK (CNN) MODULES FOR EMBEDDED SYSTEMS**
[54] **DETECTION FACIALE AU MOYEN DE MODULES DE RESEAUX NEURAUX CONVOLUTIFS A PETITE ECHELLE DESTINES A DES SYSTEMES EMBARQUES**
[72] WANG, XING, CA
[72] SEYFI, MEHDI, CA
[72] CHEN, MINGHUA, CA
[72] NG, HIM WAI, CA
[72] LIANG, JIE, CA
[71] ALTUMVIEW SYSTEMS INC., CA
[22] 2017-11-28
[41] 2018-05-30
[30] US (62/428,497) 2016-11-30
[30] US (15/441,194) 2017-02-23
[30] US (15/657,109) 2017-07-21

[21] **2,986,863**
[13] A1
[51] **Int.Cl. G06N 3/04 (2006.01)**
[25] EN
[54] **A CONVOLUTIONAL NEURAL NETWORK (CNN) SYSTEM BASED ON RESOLUTION-LIMITED SMALL-SCALE CNN MODULES**
[54] **UN SYSTEME DE RESEAU NEURAL CONVOLUTIF FONDE SUR DES MODULES DE RESEAU NEURAL CONVOLUTIF A PETITE ECHELLE ET RESOLUTION LIMITEE**
[72] WANG, XING, CA
[72] NG, HIM WAI, CA
[72] LIANG, JIE, CA
[71] ALTUMVIEW SYSTEMS INC., CA
[22] 2017-11-28
[41] 2018-05-30
[30] US (62/428,497) 2016-11-30
[30] US (15/441,194) 2017-02-23

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[51] **Int.Cl. B26B 7/00 (2006.01)**
[25] FR
[54] **ELECTRIC KNIFE**
[54] **COUTEAU ELECTRIQUE**
[72] PEYROT, JEAN-CLAUDE, FR
[71] MURE ET PEYROT, FR
[22] 2017-11-28
[41] 2018-05-29
[30] FR (1661645) 2016-11-29

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[51] **Int.Cl. A63B 69/00 (2006.01) A63B 63/00 (2006.01) A63B 69/40 (2006.01)**
[25] EN
[54] **HOCKEY TRAINING DEVICES**
[54] **DISPOSITIFS D'ENTRAINEMENT DE HOCKEY**
[72] GOLDWITZ, BRIAN, US
[71] GOLDWITZ, BRIAN, US
[22] 2017-11-28
[41] 2018-05-28
[30] US (15/823,539) 2017-11-27
[30] US (62/427,096) 2016-11-28

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[51] **Int.Cl. F16K 3/26 (2006.01) E03B 9/02 (2006.01) F16K 3/30 (2006.01)**
[25] EN
[54] **FIRE HYDRANT VALVE AND METHOD FOR CONTROLLING A WATER FLOW IN A FIRE HYDRANT CONDUIT**
[54] **VANNE DE BORNE-FONTAINE ET METHODE DE CONTROLE DE L'ECOULEMENT D'EAU DANS UN CONDUIT DE BORNE-FONTAINE**
[72] LAROUCHE, ROCH, CA
[72] DUVAL, MAURICE, CA
[72] GAGNON, BERNARD, CA
[71] 9309-0983 QUEBEC INC., CA
[22] 2017-11-28
[41] 2018-05-28
[30] US (62/426,789) 2016-11-28

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[51] **Int.Cl. C08L 95/00 (2006.01) C09D 7/20 (2018.01) C08K 5/549 (2006.01) C09D 195/00 (2006.01)**
[25] EN
[54] **LOW VOC ASPHALT COMPOSITION**
[54] **COMPOSITION D'ASPHALTE A FAIBLE TENEUR EN COV**
[72] GIRARDEAU, TOM, US
[72] AYAMBEM, AMBA, US
[71] HENRY COMPANY, LLC, US
[22] 2017-11-28
[41] 2018-05-28
[30] US (62/426,636) 2016-11-28

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[51] **Int.Cl. F23H 13/00 (2006.01) F23G 5/44 (2006.01) F23G 7/14 (2006.01) F23H 1/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WASTE COMBUSTION**
[54] **METHODE ET APPAREIL DE COMBUSTION DES DECHETS**
[72] ARAVA, SHIVAPRASAD, US
[72] ARSAVA, KEMAL S., US
[72] RANGWALA, ALI S., US
[72] SEZER, HAYRI, US
[72] WALAWALKAR, APOORV, US
[72] RAGHAVAN, VASUDEVAN, US
[71] WORCESTER POLYTECHNIC INSTITUTE, US
[22] 2017-11-29
[41] 2018-05-30
[30] US (62/427,990) 2016-11-30

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[13] A1
[51] **Int.Cl. G21C 17/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR NUCLEAR REACTOR INSPECTION**
[54] **SYSTEME ET METHODE D'INSPECTION DE REACTEUR NUCLEAIRE**
[72] MORIKAWA, DAVID TARO, CA
[71] ATS AUTOMATED TOOLING SYSTEMS INC., CA
[22] 2017-11-29
[41] 2018-05-29
[30] US (62/427,414) 2016-11-29

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[51] **Int.Cl. B42D 25/40 (2014.01) B42D 25/20 (2014.01) B42D 25/373 (2014.01) G06K 19/02 (2006.01)**
[25] EN
[54] **TRANSACTION CARD HAVING AN ELECTRICALLY APPLIED COATING**
[54] **CARTE DE TRANSACTION COMPORTANT UN REVETEMENT APPLIQUE ELECTRIQUEMENT**
[72] SUTHAR, OM J., US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2017-11-29
[41] 2018-05-30
[30] US (62/428,455) 2016-11-30

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[51] **Int.Cl. A61K 36/9068 (2006.01) A61K 36/28 (2006.01) A61K 36/65 (2006.01) A61K 36/708 (2006.01) A61K 36/8945 (2006.01) A61K 36/9062 (2006.01) A61K 36/9064 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATING ECZEMA AND METHOD FOR PREPARATION THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE DESTINEE AU TRAITEMENT DE L'ECZEMA ET METHODE DE PREPARATION ASSOCIEE**
[72] YU, LUPING, CN
[71] ZHEJIANG STRONG PHARMACEUTICAL CO., LTD., CN
[22] 2017-11-28
[41] 2018-05-29
[30] CN (201611071712.8) 2016-11-29

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[51] **Int.Cl. B64D 11/06 (2006.01) A47C 7/62 (2006.01) B60N 3/00 (2006.01) H01R 13/73 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **POWER/DATA OUTLET ADJUSTABLE SEAT BRACKET**
[54] **SUPPORT DE SIEGE AJUSTABLE A PRISE DE DONNEES/COURANT**
[72] SMALLHORN, GEORGE R., CA
[71] INFLIGHT INVESTMENTS INC., CA
[22] 2017-11-28
[41] 2018-05-29
[30] US (62/427,223) 2016-11-29

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[51] **Int.Cl. H02J 7/00 (2006.01) E05F 15/668 (2015.01)**
[25] EN
[54] **ADAPTER**
[54] **ADAPTATEUR**
[72] PLEASANTS, PARKE, US
[72] MCNABB, WILLIAM, US
[72] HUGGINS, MARK, US
[72] PREUS, MICHAEL, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-11-30
[41] 2018-06-02
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[51] **Int.Cl. G01B 11/245 (2006.01) G06T 17/00 (2006.01)**
[25] EN
[54] **METHOD FOR 3D RECONSTRUCTION OF AN ENVIRONMENT OF A MOBILE DEVICE, CORRESPONDING COMPUTER PROGRAM PRODUCT AND DEVICE**
[54] **METHODE DE RECONSTRUCTION 3D D'UN ENVIRONNEMENT D'UN APPAREIL MOBILE, PRODUIT DE PROGRAMME INFORMATIQUE CORRESPONDANT ET APPAREIL**
[72] LUO, TAO, FR
[72] ROBERT, PHILIPPE, FR
[72] ALLEAUME, VINCENT, FR
[71] THOMSON LICENSING, FR
[22] 2017-11-30
[41] 2018-06-01
[30] EP (16306599.8) 2016-12-01

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[51] **Int.Cl. E05F 15/77 (2015.01) E05F 15/70 (2015.01)**
[25] EN
[54] **GARAGE DOOR OPENER SYSTEM HAVING AN INTELLIGENT AUTOMATED ASSISTANT AND METHOD OF CONTROLLING THE SAME**
[54] **SYSTEME D'OUVRE-PORTE DE GARAGE COMPORTANT UN ASSISTANT INTELLIGENT ET METHODE DE COMMANDE ASSOCIEE**
[72] HUGGINS, MARK, US
[72] WHITMIRE, J. PORTER, US
[72] PREUS, MICHAEL, US
[72] KIPPES, SCOTT, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-11-30
[41] 2018-06-02
[30] US (62/429,575) 2016-12-02

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[13] A1
[51] **Int.Cl. F17C 1/06 (2006.01) F17C 1/02 (2006.01) F24H 9/02 (2006.01)**
[25] EN
[54] **HYBRID TANKS**
[54] **RESERVOIRS HYBRIDES**
[72] KAMPF, CHRISTOPHER, US
[72] VAN HAAREN, CHRISTOPHER A., US
[71] AMTROL LICENSING INC., US
[22] 2017-11-29
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[51] **Int.Cl. H02J 7/00 (2006.01) E05F 15/668 (2015.01) G08C 17/00 (2006.01)**
[25] EN
[54] **BATTERY CHARGING STATION WITH MODULE PORT**
[54] **POSTE DE RECHARGE DE BATTERIE DOTE D'UN ORIFICE DE MODULE**
[72] HUGGINS, MARK, US
[72] PREUS, MICHAEL, US
[72] ASHER, MATTHEW, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2017-11-30
[41] 2018-06-02
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[13] A1
[51] **Int.Cl. A61K 35/19 (2015.01) A61M 1/02 (2006.01)**
[25] EN
[54] **BLOOD COMPONENT POOLING DEVICE, SYSTEM AND METHOD**
[54] **APPAREIL DE REGROUPEMENT DE COMPOSANT SANGUIN, SYSTEME ET METHODE**
[72] SALOMON, ALEXANDRA, US
[72] GRIEP, JULIE, US
[72] MIN, KYUNGYOON, US
[72] WEGENER, J. CHRISTOPHER, US
[72] ANAND RAJU, ADDISON, US
[71] FENWAL, INC., US
[22] 2017-11-30
[41] 2018-06-01
[30] US (62/428,833) 2016-12-01

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[13] A1
[51] **Int.Cl. G08C 17/02 (2006.01) H04W 4/00 (2018.01) E05F 15/77 (2015.01) G10L 15/00 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AN ENHANCED GARAGE DOOR OPENER REMOTE CONTROL**
[54] **SYSTEMES ET METHODES DE CONTROLE A DISTANCE AMELIORE D'UN OUVRE-PORTE DE GARAGE**
[72] HUGGINS, MARK, US
[72] PREUS, MICHAEL, US
[72] MCNABB, WILLIAM, US
[71] TTI (MACAO COMMERICAL OFFSHORE) LIMITED, MO
[22] 2017-11-30
[41] 2018-05-30
[30] US (62/427,927) 2016-11-30

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[13] A1
[51] **Int.Cl. B60J 1/18 (2006.01) B60J 7/08 (2006.01) B62D 25/06 (2006.01)**
[25] EN
[54] **SOFT TOP WINDOW SUPPORTS AND VEHICLES WITH SOFT TOP WINDOW SUPPORTS**
[54] **SUPPORTS DE FENETRE POUR TOIT SOUPLE ET VEHICULE DOTE DE SUPPORTS DE FENETRE POUR TOIT SOUPLE**
[72] GOLDWITZ, BRIAN, US
[71] GOLDWITZ, BRIAN, US
[22] 2017-11-30
[41] 2018-05-30
[30] US (15/826,589) 2017-11-29
[30] US (62/428,506) 2016-11-30

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[51] **Int.Cl. B60J 11/08 (2006.01) B60J 1/20 (2006.01)**
[25] EN
[54] **WINDOW PROTECTOR FOR WINDOWS IN SOFT TOP VEHICLES**
[54] **PROTECTEUR DE FENETRE DESTINE A DES VEHICULES A TOIT SOUPLE**
[72] GOLDWITZ, BRIAN, US
[71] GOLDWITZ, BRIAN, US
[22] 2017-11-30
[41] 2018-05-30
[30] US (15/826,595) 2017-11-29
[30] US (62/428,506) 2016-11-30

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[13] A1
[51] **Int.Cl. G06F 21/86 (2013.01) G07F 7/08 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROTECTING AT LEAST ONE ELEMENT OF AN UNATTENDED TRANSACTION TERMINAL**
[54] **SYSTEME ET METHODE DE PROTECTION D'AU MOINS UN ELEMENT D'UN TERMINAL DE TRANSACTION NON SURVEILLE**
[72] PAVAGEAU, STEPHANE, FR
[72] DEVORNIQUE, ROGER, FR
[71] INGENICO GROUP, FR
[22] 2017-11-29
[41] 2018-06-01
[30] FR (1661799) 2016-12-01

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[13] A1
[51] **Int.Cl. B30B 9/26 (2006.01) B30B 9/12 (2006.01)**
[25] EN
[54] **DEVICE FOR DEWATERING FEEDSTOCK THAT IS POURABLE OR FREE-FLOWING**
[54] **DISPOSITIF DE DESHYDRATATION DE MATIERE PREMIERE QUI PEUT ETRE VERSEE OU S'ECOULER LIBREMENT**
[72] ULM, DIETMAR, AT
[71] ANDRITZ AG, AT
[22] 2017-11-30
[41] 2018-06-02
[30] AT (A51097/2016) 2016-12-02

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[51] **Int.Cl. E04H 4/14 (2006.01) E04H 4/00 (2006.01) F21V 31/00 (2006.01) H05B 37/02 (2006.01) F21S 4/20 (2016.01)**
[25] EN
[54] **POOL LINER WITH LED LIGHT STRINGS**
[54] **REVETEMENT INTERIEUR DE PISCINE DOTE DE BANDES DE LUMIERES DEL**
[72] LAN, CHAOLONG, CN
[72] OCEGUEDA GALLAGA, VICTOR HUGO, MX
[71] POLYGROUP MACAU LIMITED (BVI), VG
[22] 2017-11-28
[41] 2018-05-29
[30] US (62/427,519) 2016-11-29

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[13] A1
[51] **Int.Cl. H01R 4/66 (2006.01) H01R 24/38 (2011.01) H01R 9/05 (2006.01)**
[25] EN
[54] **COAXIAL CABLE BONDING/GROUND BLOCKS HAVING AN INTEGRATED GROUND WIRE**
[54] **BLOCS DE LIAISON DE CABLE COAXIAL ET MISE A LA TERRE COMPORTANT UN FIL DE MISE A LA TERRE INTEGRE**
[72] MATHEWS, ROGER, US
[71] PPC BROADBAND, INC., US
[22] 2017-11-28
[41] 2018-05-28
[30] US (62/426,651) 2016-11-28

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[13] A1
[51] **Int.Cl. F16K 15/18 (2006.01) F16K 5/06 (2006.01) F16K 17/168 (2006.01) F16K 47/04 (2006.01) F16L 55/24 (2006.01)**
[25] EN
[54] **BALL VALVE WITH COMPONENTS INTEGRATED INTO THE BALL MEMBER**
[54] **CLAPET A BILLE DOTE DE COMPOSANTES INTEGRE DANS L'ELEMENT DE BILLE**
[72] RIZZIO, GIOVANNI, US
[71] RED-WHITE VALVE CORP., US
[22] 2017-11-28
[41] 2018-05-28
[30] US (62/427,128) 2016-11-28

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[13] A1
[51] **Int.Cl. F17D 1/17 (2006.01) F17D 1/08 (2006.01) F17D 1/14 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR DELIVERY OF OIL SANDS ORE**
[54] **PROCEDE ET APPAREIL DE LIVRAISON DU MINERAI DE SABLES BITUMINEUX**
[72] GARNER, WILLIAM NICHOLAS, CA
[72] DOUCET, REAL, CA
[72] PAINE, RANDALL B., CA
[72] BEDI, GURPREET SINGH, CA
[72] WU, JIANGYING, CA
[72] JOE, GARDNER, CA
[71] CANADIAN NATURAL RESOURCES LIMITED, CA
[22] 2017-11-30
[41] 2018-06-01
[30] CA (2,950,195) 2016-12-01

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[13] A1
[51] **Int.Cl. G01N 33/28 (2006.01) C10G 11/00 (2006.01)**
[25] EN
[54] **VISCOSITY REDUCTION OF CRUDE OIL THROUGH STRUCTURE DETERMINATION OF ASPHALTENE MOLECULE**
[54] **REDUCTION DE LA VISCOSITE DU PETROLE BRUT PAR DETERMINATION DE LA STRUCTURE D'UNE MOLECULE D'ASPHALTENE**
[72] VERMA, MANJUSHA, US
[72] VENKATARAMAN, PRADEEP, US
[72] PRADHAN, SIVARAM, US
[72] SHAMMAI, HOUMAN MICHAEL, US
[72] BILLUPS, WILBUR EDWARD, US
[72] WELLINGTON, SCOTT, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[71] WILLIAM MARSH RICE UNIVERSITY, US
[22] 2017-11-30
[41] 2018-06-01
[30] US (15/367171) 2016-12-01

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[51] **Int.Cl. G01N 30/86 (2006.01) G01N 21/3504 (2014.01) G01N 21/359 (2014.01) G01N 30/06 (2006.01) G01N 30/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING THE CONCENTRATION OF A VOLATILE COMPOUND IN A CONDENSED STATE SAMPLE**
[54] **METHODE ET APPAREIL DE DETERMINATION DE LA CONCENTRATION D'UN COMPOSE ORGANIQUE VOLATIL DANS UN ECHANTILLON A L'ETAT CONDENSE**
[72] GARVER, THEODORE MEYER, CA
[72] PACK, CHRISTOPHER DAVID, CA
[71] INNOTECH ALBERTA INC., CA
[22] 2017-11-29
[41] 2018-06-02
[30] US (62/429,613) 2016-12-02

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[13] A1
[51] **Int.Cl. G08G 1/00 (2006.01) H04W 4/42 (2018.01) B62D 31/00 (2006.01) B62H 3/00 (2006.01) G08G 1/14 (2006.01) H04B 1/59 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRANSIT INDUSTRY VEHICLE RIDER ACCESSORY CAPACITY MONITORING**
[54] **SYSTEMES ET METHODE DE SURVEILLANCE DE LA CAPACITE D'UN ACCESSOIRE DE CONDUCTEUR DE VEHICULE DANS LE DOMAINE DU TRANSPORT PUBLIC**
[72] CLARK, DAN, US
[72] GONDEK, JACOB, US
[72] KELLY, STEPHEN, US
[72] URICH, KRISTI, US
[72] BARNES, SHARON ANN IRMA, US
[72] BROOKES, MARTY CHARLES, US
[71] TRAPEZE SOFTWARE GROUP INC., US
[22] 2017-11-30
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[51] **Int.Cl. G01M 15/14 (2006.01) B64F 5/40 (2017.01) B64F 5/60 (2017.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE CONTROLE**
[72] BEWLAY, BERNARD PATRICK, US
[72] PRITCHARD, BYRON, US
[72] SIVARAMAKRISHNAN, SHANKAR, US
[72] KULKARNI, AMBARISH, US
[72] KESHAVAN, HRISHIKESH, US
[72] DEDE, MEHMET, US
[72] ROSENZWEIG, LARRY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-11-30
[41] 2018-06-02
[30] US (15/368,185) 2016-12-02

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[13] A1
[51] **Int.Cl. E05D 15/06 (2006.01) E05D 13/00 (2006.01) E06B 9/52 (2006.01)**
[25] EN
[54] **UPPER GUIDE TRACK AND ASSEMBLY FOR A RETRACTABLE SCREEN**
[54] **RAIL-GUIDE SUPERIEUR ET ENSEMBLE DESTINE A UN MOUSTIQUAIRE RETRACTABLE**
[72] ROBERTS, ANTHONY G., AU
[72] RODD, AARON, AU
[71] INFINITY RETRACTABLE SCREENS PTY LTD., AU
[22] 2017-11-30
[41] 2018-05-30
[30] AU (AU2016904917) 2016-11-30
[30] AU (AU2016904918) 2016-11-30
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[51] **Int.Cl. E06B 9/58 (2006.01) E06B 9/52 (2006.01)**
[25] EN
[54] **GUIDE TRACK ARRANGEMENT**
[54] **CONFIGURATION DE RAIL-GUIDE**
[72] ROBERTS, ANTHONY G., AU
[72] RODD, AARON, AU
[71] INFINITY RETRACTABLE SCREENS PTY LTD., AU
[22] 2017-11-30
[41] 2018-05-30
[30] AU (AU2016904917) 2016-11-30
[30] AU (AU2016904918) 2016-11-30
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[51] **Int.Cl. H04W 40/10 (2009.01) H04W 24/04 (2009.01) H02J 4/00 (2006.01)**
[25] EN
[54] **OPTIMAL NETWORK RECONFIGURATION PATH SEARCHING BASED ON OPTIMIZATIONS FOR NETWORKS INCLUDING RENEWABLE SOURCES**
[54] **RECHERCHE DE CHEMIN DE RECONFIGURATION DE RESEAU OPTIMALE FONDEE SUR LES OPTIMISATIONS DE RESEAUX COMPORTANT DES RESSOURCES RENOUVELABLES**
[72] ZHAO, DONGBO, US
[72] SHAH, JALPA KAUSHIL, US
[71] COOPER TECHNOLOGIES COMPANY, US
[22] 2017-11-30
[41] 2018-06-02
[30] US (15/367,617) 2016-12-02

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[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **RESOURCE PLANNING SYSTEM, PARTICULARLY FOR VEHICLE FLEET MANAGEMENT**
[54] **SYSTEME DE PLANIFICATION DES RESSOURCES, EN PARTICULIER POUR LA GESTION D'UNE FLOTTE DE VEHICULES**
[72] WEIGEL, DAVID, US
[72] KNIGHT, MARC, US
[71] ASSETWORKS LLC, US
[22] 2017-12-01
[41] 2018-06-01
[30] US (15/366,718) 2016-12-01

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[13] A1
[51] **Int.Cl. B23D 47/02 (2006.01) B23D 45/12 (2006.01)**
[25] EN
[54] **PILE CUTTING DEVICE**
[54] **APPAREIL DE COUPE DE VELOURS**
[72] THIESSEN, LONNY J., CA
[71] WESTCAP GROUP INC., CA
[22] 2017-12-01
[41] 2018-06-01
[30] US (62/428,836) 2016-12-01

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[13] A1
[51] **Int.Cl. B25B 23/14 (2006.01) B25B 23/159 (2006.01) B25B 27/10 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **HOLDING TOOL**
[54] **OUTIL DE MAINTIEN**
[72] REYNERTSON, JOHN, US
[72] REYNERTSON, DONALD J., US
[72] DAVIS, PAUL E., US
[71] SNAP-ON INCORPORATED, US
[22] 2017-12-01
[41] 2018-06-02
[30] US (62/429,174) 2016-12-02
[30] US (15/823,028) 2017-11-27

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[13] A1
[51] **Int.Cl. E06B 9/327 (2006.01) E06B 9/266 (2006.01)**
[25] EN
[54] **RAIL FOR AN ARCHITECTURAL OPENING COVERING**
[54] **RAIL DESTINE A UN REVETEMENT D'OUVERTURE ARCHITECTURALE**
[72] FRANSSEN, ROBERT, NL
[71] HUNTER DOUGLAS INDUSTRIES B.V., NL
[22] 2017-12-01
[41] 2018-06-01
[30] EP (16201779.2) 2016-12-01

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[13] A1
[51] **Int.Cl. B63B 35/38 (2006.01) B63B 17/00 (2006.01) B63B 29/00 (2006.01) B63B 35/34 (2006.01)**
[25] EN
[54] **STRUCTURE AND ASSEMBLY FOR RECESSED DECK PORTION IN PONTOON BOAT**
[54] **STRUCTURE ET ASSEMBLAGE DESTINES A LA PORTION DE PLATEFORME EN CREUX D'UN PONTON**
[72] VOGEL, JACOB STEVEN, US
[72] FISHBURN, BRAD ROY, US
[71] PONTOON BOAT, LLC, US
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[54] **APPARATUS FOR PRESSING A DOSE OF COFFEE WITHIN THE PORTAFILTER**
[54] **APPAREIL DE PRESSAGE D'UNE DOSE DE CAFE DANS LA DOSETTE**
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[71] GRUPPO CIMBALI S.P.A., IT
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[54] **METHOD AND MACHINE FOR DISPENSING DOSES OF COFFEE GROUNDS**
[54] **METHODE ET MACHINE DE DISTRIBUTION DE DOSES DE CAFE MOULU**
[72] ABBIATI, GIACOMO, IT
[71] GRUPPO CIMBALI S.P.A., IT
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[54] **A GRINDING-DOSING MACHINE WITH A DOSING DEVICE FOR GROUND COFFEE**
[54] **UNE MACHINE DE BROYAGE-DOSAGE DOTEE D'UN DISPOSITIF DOSEUR DE CAFE MOULU**
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[71] GRUPPO CIMBALI S.P.A., IT
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[54] **COMPOSITION AND METHOD TO FORM A COMPOSITE CORE MATERIAL**
[54] **COMPOSITION ET METHODE DE FORMAGE D'UN MATERIAU A AME COMPOSITE**
[72] GLEASON, STEPHEN, US
[71] GLEASON, STEPHEN, US
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[54] **PROTECTIVE INSULATIVE BUILDING CLADDING SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE REVETEMENT DE BATIMENT ISOLANT PROTECTEUR ET METHODE D'UTILISATION**
[72] AGERBAK, BILL, CA
[72] FAULKNER, DOUG, CA
[72] MARTIN, TERRY, CA
[72] NAHACHEWSKY, THOMAS, CA
[71] CANADIAN INNOVATIVE COATINGS LTD., CA
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[54] **OPERATING METHOD OF A WIND POWER JIB OF A CRANE AND CRANE**
[54] **METHODE D'EXPLOITATION D'UNE FLECHE D'EOLIENNE D'UNE GRUE ET GRUE**
[72] SHAN, ZENGHAI, CN
[72] ZHAO, RUIXUE, CN
[72] CHEN, ZHICAN, CN
[72] WANG, SHOUWEI, CN
[72] ZHANG, ZHENGDE, CN
[72] ZHANG, PINGHAI, CN
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[54] **SYSTEME DE DISTRIBUTION D'ALIMENTATION EN TENSION CONSTANTE DESTINE A UN SYSTEME DE FRACTURATION HYDRAULIQUE ELECTRIQUE**
[72] OEHRING, JARED, US
[72] HINDERLITER, BRANDON N., US
[71] US WELL SERVICES, LLC, US
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[72] TOVAR, EDUARDO A., CA
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[54] **APPARATUS AND METHOD FOR CORRECTING DAMAGE TO RAILS AND RAILWAY CROSSOVERS**
[54] **APPAREILLAGE ET METHODE DE CORRECTION DES DOMMAGES CAUSES AUX RAILS ET AUX TRAVERSES DE CHEMIN DE FER**
[72] SKOBLENICK, HARRY, CA
[72] MANCIC, ALEKSANDAR, CA
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[54] **TOOL SIMULATION SYSTEM, SIMULATION WORKPIECE, AND METHOD OF OPERATION**
[54] **SYSTEME DE SIMULATION D'OUTIL, PIECE DE TRAVAIL DE SIMULATION ET METHODE D'UTILISATION**
[72] CAMPBELL, IAN, CA
[72] YU, CHUN, CA
[72] REIDINGER, LUKAS, CA
[71] CWB GROUP - INDUSTRY SERVICES, CA
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[54] **MODULAR APPARATUS FOR SIMULATING THE INSERTION OF A MEDICAL INSTRUMENT INTO A SUBJECT**
[54] **APPAREIL MODULAIRE SERVANT A SIMULER L'INSERTION D'UN INSTRUMENT MEDICAL DANS UN SUJET**
[72] DRISCOLL, CHRISTOPHER, CA
[72] VILLENEUVE, PHILIPPE, CA
[72] FLAMAND, JEAN-SEBASTIEN, CA
[72] MALLACI, GIUSEPPE, CA
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[54] **APPAREIL DE TRAITEMENT DE L'INFORMATION**
[72] ADACHI, MASAHIKO, JP
[72] INADA, MASAHIKO, JP
[71] KABUKU INC., JP
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[54] **DISPOSITIF DE RETENUE DE BICYCLETTE**
[72] NAKAGIRI, TAKAHISA, JP
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[54] **TEMPERATURE CONTROLLED STORAGE SYSTEM**
[54] **SYSTEME D'EMMAGASINAGE A TEMPERATURE CONTROLEE**
[72] LINDBO, LARS SVERKER TURE, GB
[72] FRYER, MARK, GB
[72] BATES, MARTYN LEE, GB
[72] FAUX, KEVIN, GB
[72] STEINER, TIMOTHY DEIGHTON, GB
[72] SHAIKH, SIDDIQUE, GB
[71] OCADO INNOVATION LIMITED, GB
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[54] **ENCRYPTION METHOD, CORRESPONDING ENCRYPTION METHOD, DEVICES AND PROGRAMS**
[54] **PROCEDE DE CHIFFREMENT, PROCEDE DE CHIFFREMENT, DISPOSITIFS ET PROGRAMMES CORRESPONDANTS**
[72] BRIER, ERIC, FR
[71] INGENICO GROUP, FR
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[54] **BISP FUSION PROTEIN THERAPEUTICS, METHODS, AND USES**
[54] **AGENTS THERAPEUTIQUES A BASE DE PROTEINE DE FUSION BISP, PROCEDES ET UTILISATIONS**
[72] ONG, CHRISTOPHER J., CA
[72] PEACOCK, JAMES, CA
[72] GLEAVE, MARTIN E., CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **PROCESS FOR CONVERTING CARBONACEOUS MATERIAL INTO LOW TAR SYNTHESIS GAS**
[54] **PROCEDE DE CONVERSION DE MATERIAU CARBONE EN GAZ SYNTHETIQUE A FAIBLE TENEUR EN GOUDRON**
[72] KRESNYAK, STEVE, CA
[72] ZAHORIK, PAVEL, CZ
[71] EXPANDER ENERGY INC., CA
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[54] **APPLICATION OF OMEGA-3 AND/OR OMEGA-6 FATTY ACID(S)**
[54] **UTILISATION D'ACIDE(S) GRAS OMEGA-3 ET/OU OMEGA-6**
[72] HARTMANN, TOBIAS, DE
[72] GRIMM, MARCUS OTTO WALTER, DE
[72] FLOSS, THOMAS, DE
[72] WITTMANN, ANKE, DE
[71] K.D. PHARMA BEXBACH GMBH, DE
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[54] **1,2,3-THIADIAZOL-5YL-UREA DERIVATIVES, USE THEREOF FOR REGULATING PLANT SENESCENCE AND PREPARATIONS CONTAINING THESE DERIVATIVES**
[54] **DERIVES DE 1,2,3-THIADIAZOL-5YL-UREE, UTILISATION DESDITS DERIVES POUR LA REGULATION DE LA SENESCENCE DES PLANTES ET PREPARATIONS LES CONTENANT**
[72] NISLER, JAROSLAV, CZ
[72] ZATLOUKAL, MAREK, CZ
[72] SPICHAL, LUKAS, CZ
[72] KOPRNA, RADOSLAV, CZ
[72] DOLEZAL, KAREL, CZ
[72] STRNAD, MIROSLAV, CZ
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[54] **SYSTEME DE COUVRE-TONNEAU DESTINE A UNE PLATEFORME DE CHARGEMENT D'UN VEHICULE**
[72] WILLIAMSON, SCOTT, US
[72] KOSINSKI, DAVID, US
[72] YANG, MICHAEL, US
[72] YAN, XICHANG, CN
[72] TONG, JIANFENG, CN
[72] WEI, CHENGPING, CN
[72] SMITH, RONALD BRIAN, US
[72] BURGER, DANIEL DAVID, US
[72] MAYS, JAMES, US
[71] RUGGED LINER, INC., US
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[54] **ENERGY-EFFICIENT HIGH LEVEL DEVICE, PLANT AND METHOD FOR THE USE OF THERMAL ENERGY OF SOLAR ORIGIN**
[54] **DISPOSITIF, INSTALLATION ET PROCEDE DE HAUT NIVEAU A HAUT RENDEMENT ENERGETIQUE POUR L'UTILISATION D'ENERGIE THERMIQUE D'ORIGINE SOLAIRE**
[72] MAGALDI, MARIO, IT
[72] CARREA, ALBERTO, IT
[72] SOMMA, GENNARO, IT
[71] MAGALDI POWER S.P.A., IT
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[54] **ENSEMBLES ROBINETS D'EXTINCTEURS A PREACTION, DISPOSITIFS EXTINCTEURS A AIR COMPRIME ASSOCIES ET SYSTEMES D'EXTINCTEURS DE PROTECTION CONTRE LE FEU**
[72] MEYER, STEPHEN J., US
[72] RINGER, YORAM, US
[72] ARCHIBALD, THOMAS EDWIN, US
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[54] **COMPOSITION COMPRISING TANNINS**
[54] **COMPOSITION CONTENANT DES TANINS**
[72] GIOVAGNONI, EMILIANO, IT
[72] BURINI, MICHELE, IT
[72] MARINI, FRANCESCA, IT
[71] ABOCA S.P.A. SOCIETA' AGRICOLA, IT
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[54] **METHODS AND COMPOSITIONS FOR IDENTIFYING PATIENT POPULATIONS FOR DIAGNOSIS AND TREATMENT OF TLR4-DEPENDENT DISORDERS**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT D'IDENTIFIER DES POPULATIONS DE PATIENTS POUR LE DIAGNOSTIC ET LE TRAITEMENT DE TROUBLES DEPENDANT DE TLR4**
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[72] MONNET, EMMANUEL, CH
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[54] **UNE COMPOSITION PHARMACEUTIQUE DESTINEE A REDUIRE LES GRAISSES LOCALES, ET SES UTILISATIONS**
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[71] CALIWAY BIOPHARMACEUTICALS CO., LTD., CN
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[71] CALIWAY BIOPHARMACEUTICALS CO., LTD., CN
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[25] EN
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[54] **COMPOSITION PHARMACEUTIQUE POUR PREVENIR ET TRAITER DES MALADIES HEPATIQUES, CONTENANT, EN TANT QUE SUBSTANCE ACTIVE, DE LA CROMOLYNE OU UN SEL PHARMACEUTIQUEMENT ACCEPTABLE DE CELLE-CI**
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[71] ONCOCROSS CO. LTD., KR
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[25] EN
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[54] **TRAITEMENT PAR INHALATION D'OXYDE NITRIQUE POUR NOURRISSONS ATTEINTS DE BRONCHIOLITE**
[72] AV-GAY, YOSSEF, CA
[72] GREENBERG, DAVID, IL
[72] TAL, ASHER, IL
[71] ADVANCED INHALATION THERAPIES (AIT) LTD., IL
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[54] **MATERIELS BIOLOGIQUES ET LEURS UTILISATIONS**
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[72] YAHIOGLU, GOKHAN, GB
[72] STAMATI, IOANNA, GB
[72] SAOUROS, SAVVAS, GB
[72] KAPADNIS, PRASHANT BHIMRAO, GB
[71] ANTIKOR BIOPHARMA LIMITED, GB
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[54] **DERMOCOSMETIC COMPOSITION, PRODUCTION PROCESS OF THE TOPICAL COMPOSITION, METHOD FOR STRENGTHENING FRAGILE NAILS AND USE OF THE COMPOSITION**
[54] **COMPOSITION DERMOCOSMETIQUE, PROCEDE DE PRODUCTION DE LA COMPOSITION TOPIQUE, PROCEDE DE RENFORCEMENT DES ONGLES FRAGILES ET UTILISATION DE LA COMPOSITION**
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[72] RITTO, JOSE LUIZ AIELLO, BR
[71] BIOLAB SANUS FARMACEUTICA LTDA, BR
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[54] **5-HT2C RECEPTOR AGONISTS AND COMPOSITIONS AND METHODS OF USE**
[54] **AGONISTES DE RECEPTEUR 5-HT2C ET COMPOSITIONS ET PROCEDES D'UTILISATION**
[72] LEHMANN, JUERG, US
[72] FEICHTINGER, KONRAD, US
[72] REN, ALBERT S., US
[72] SEMPLE, GRAEME, US
[71] ARENA PHARMACEUTICALS, INC., US
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[54] **AGONISTES DES RECEPTEURS 5-HT2C ET COMPOSITIONS ET METHODES D'UTILISATION**
[72] REN, ALBERT S., US
[72] SEMPLE, GRAEME, US
[72] ZHU, XIUWEN, US
[72] SAGE, CARLETON R., US
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[54] **CRYSTALLINE L-ARGININE SALT OF (R)-2-(7-(4-CYCLOPENTYL-3-(TRIFLUOROMETHYL)BENZYLOXY)-1,2,3,4-TETRAHYDROCYCLOPENTA[B]INDOL-3-YL)4C ETIC ACID(COMPOUNDI) FOR USE IN SIPI RECEPTOR-ASSOCIATED DISORDERS**
[54] **SEL L-ARGININE CRISTALLIN D'ACIDE (R)-2-(7-(4-CYCLOPENTYL-3-(TRIFLUOROMETHYL)BENZYLOXY)-1,2,3,4-TETRAHYDROCYCLOPENTA[B]INDOL-3-YL)ACETIQUE (COMPOSE 1) POUR UNE UTILISATION DANS DES TROUBLES ASSOCIES AU RECEPTEUR DE SIP1**
[72] BLACKBURN, ANTHONY C., US
[72] CASTRO, RYAN O., US
[72] HADD, MARK A., US
[72] MA, YOU-AN, US
[72] MONTALBAN, ANTONIO GARRIDO, US
[72] RUETER, JAIMIE KARYN, US
[72] SELVEY, LEE ALANI, US
[72] SHAKYA, SAGAR RAJ, US
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[54] **AMINOISOXAZOLINE COMPOUNDS AS AGONISTS OF ALPHA7-NICOTINIC ACETYLCHOLINE RECEPTORS**
[54] **COMPOSES D'AMINOISOXAZOLINE EN TANT QUE RECEPTEURS NICOTINIQUES ALPHA7 DE L'ACETYLCHOLINE**
[72] ACHARYA, RAKSHA, US
[72] BURNETT, DUANE A., US
[72] BURSAVICH, MATTHEW GREGORY, US
[72] COOK, ANDREW SIMON, US
[72] HARRISON, BRYCE ALDEN, US
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[54] **COMBINATION IMMUNOTHERAPY APPROACH FOR TREATMENT OF CANCER**
[54] **TECHNIQUE D'IMMUNOTHERAPIE COMBINEE POUR LE TRAITEMENT DU CANCER**
[72] SZALAY, ALADAR, US
[72] MINEV, BORIS, US
[71] STEMIMMUNE, INCORPORATED, US
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[54] **NANOPARTICLE FORMULATIONS FOR DELIVERY OF NUCLEIC ACID COMPLEXES**
[54] **FORMULATIONS DE NANOPARTICULES POUR L'ADMINISTRATION DE COMPLEXES D'ACIDE NUCLEIQUE**
[72] OZSOLAK, FATIH, US
[72] BHAT, BALKRISHEN, US
[71] TRANSLATE BIO MA, INC., US
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[54] **OXIME COMPOUNDS AS AGONISTS OF THE MUSCARINIC M1 AND/OR M4 RECEPTOR**
[54] **COMPOSES OXIME A UTILISER EN TANT QU'AGONISTES DU RECEPTEUR MUSCARINIQUE M1 ET/OU M4**
[72] BROWN, GILES ALBERT, GB
[72] TEHAN, BENJAMIN GERALD, GB
[71] HEPTARES THERAPEUTICS LIMITED, GB
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[54] **SYSTEMS AND METHODS FOR FLUID DELIVERY IN SEAT SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION DE FLUIDE DANS DES SYSTEMES D'ASSISE**
[72] JAMELE, DANIEL ROBERT, US
[72] KAWAKAMI, TAKAYOSHI, US
[72] RYLE, JORDAN WOLF, US
[72] BODA, RYAN ADAM, US
[72] WELBORN, ROBERT BRYCE MINDEN, US
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[54] **METHOD FOR INDUCING SATIETY**
[54] **PROCEDE POUR INDUIRE LA SATIETE**
[72] BOLSTER, DOUGLAS, US
[72] HARKNESS, LAURA, US
[72] PETERSON, BRENT L., US
[72] RAHN, MAIKE, US
[71] STOKELY-VAN CAMP, INC., US
[71] GLANBIA NUTRITIONALS (IRELAND) LTD., IE
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[54] **DEVELOPMENT OF PROGNOSTIC MARKERS DSG-3 FROM THE SALIVA OF ORAL CANCER PATIENTS**
[54] **DEVELOPPEMENT DE MARQUEURS PRONOSTIQUES DSG-3 A PARTIR DE LA SALIVE DE PATIENTS ATTEINTS DU CANCER DE LA BOUCHE**
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[72] MASOOD, RIZWAN, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
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[54] **FIBRE OPTIQUE PRESENTANT UN CONE PROXIMAL POUR L'ECLAIRAGE CHIRURGICAL OPHTALMIQUE**
[72] SMITH, RONALD T., US
[72] MIRSEPASSI, ALIREZA, US
[71] NOVARTIS AG, CH
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[54] **COMPOSES DE TYPE OLIVINE : PROCEDE DE PREPARATION ET UTILISATION DANS DES MATERIAUX DE CATHODE POUR BATTERIES SODIUM-ION**
[72] GALCERAN MESTRES, MONTSE, ES
[72] CASAS-CABANAS, MONTSE, ES
[72] ARMAND, MICHEL, ES
[72] ROJO, TEOFILO, ES
[72] GUERFI, ABDELBAST, CA
[72] ZAGHIB, KARIM, CA
[72] PAOLELLA, ANDREA, CA
[71] HYDRO-QUEBEC, CA
[71] CIC ENERGIGUNE, ES
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[54] **BIOCOMPATIBLE ARTICLES WITH EMBEDDED COPPER IONS AND COPPER ION RELEASING COATING**
[54] **ARTICLES BIOCOMPATIBLES COMPRENANT DES IONS CUIVRE NOYES DANS LA MASSE ET REVETEMENT A LIBERATION D'IONS CUIVRE**
[72] LOITNER, INBAL, IL
[72] GARTY, SHAI, IL
[72] GABBAY, DAFNA, IL
[71] CURICAL TECHNOLOGIES LTD., IL
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[54] **OFF-ROAD DUMP TRUCK AND OBSTACLE DISCRIMINATION DEVICE**
[54] **CAMION BENNE TOUT TERRAIN ET DISPOSITIF DE DISCRIMINATION D'OBSTACLE**
[72] WATANABE, ATSUSHI, JP
[72] NAKA, TAKUYA, JP
[72] UOTSU, SHINICHI, JP
[72] TAKEDA, KOJI, JP
[71] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
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[54] **TECHNIQUES FOR QUANTUM ERROR CORRECTION USING BOSONIC MODES AND RELATED SYSTEMS AND METHODS**
[54] **TECHNIQUES DE CORRECTION D'ERREUR QUANTIQUE UTILISANT DES MODES BOSONIQUES AINSI QUE SYSTEMES ET PROCEDES ASSOCIES**
[72] GIRVIN, STEVEN M., US
[72] JIANG, LIANG, US
[72] MICHAEL, MARIOS H., US
[72] SILVERI, MATTI, US
[72] BRIERLEY, RICHARD T., US
[72] ALBERT, VICTOR V., US
[72] SALMILEHTO, JUHA, US
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[54] **CERAMIC PARTICLES FOR USE IN A SOLAR POWER TOWER**
[54] **PARTICULES DE CERAMIQUE DESTINEES A ETRE UTILISEES DANS UNE TOUR SOLAIRE THERMIQUE**
[72] KRAUSE, CLAUDE, US
[72] ELDRED, BENJAMIN, US
[72] CANOVA, STEVE, US
[71] CARBO CERAMICS INC., US
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[54] **DISPLAY DEVICE AND DISPLAY CONTROL METHOD**
[54] **DISPOSITIF D'AFFICHAGE ET PROCEDE DE COMMANDE D'AFFICHAGE**
[72] KOERBER, ACHIM GERHARD ROLF, NL
[72] KROON, BART, NL
[72] JOHNSON, MARK THOMAS, NL
[71] KONINKLIJKE PHILIPS N.V., NL
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[54] **HIV MATURATION INHIBITOR FORMULATIONS**
[54] **FORMULATIONS D'INHIBITEURS DE MATURATION DU VIH**
[72] DELMONTE, ALBERT J., US
[72] DICKER, IRA B., US
[72] HWANG, CAREY KANG-LUN, US
[72] JOSHI, SAMIT RAMESH, US
[72] LATAILLADE, MAX, US
[71] VIIV HEALTHCARE UK (NO.4) LIMITED, GB
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[54] **COMPOSITIONS AND METHODS OF USE OF .BETA.-HYDROXY-.BETA.-METHYLBUTYRATE (HMB) AS AN ANIMAL FEED ADDITIVE**
[54] **COMPOSITIONS ET PROCEDES D'UTILISATION DE .BETA.-HYDROXY-.BETA.-METHYLBUTYRATE (HMB) COMME ADDITIF D'ALIMENT POUR ANIMAUX**
[72] FULLER, JOHN, US
[72] RATHMACHER, JOHN, US
[72] BAIER, SHAWN, US
[71] METABOLIC TECHNOLOGIES, INC., US
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[54] **COMPOSITION OF BUTYRATE OR DERIVATIVE THEREOF AND BENZOIC ACID, AND PREPARATION THEREOF AND USE AS FEEDSTUFF ADDITIVE THEREOF**
[54] **FORMULE DE COMPOSE DE BUTYRATE ET DE SES DERIVES ET DE L'ACIDE BENZOIQUE, ET SON PROCEDE DE PREPARATION ET SON UTILISATION COMME ADDITIF ALIMENTAIRE**
[72] LAI, ZHOUWEN, NZ
[72] ZHANG, LIANG, CN
[71] SINGAO CO., LTD., CN
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[54] **HIGH CONDUCTIVITY GRAPHANE-METAL COMPOSITE AND METHODS OF MANUFACTURE**
[54] **COMPOSITE GRAPHANE-METAL DE CONDUCTIVITE ELEVEE ET PROCEDES DE FABRICATION**
[72] SEAH, CHOON MING, MY
[72] FARQUHAR, JAMES J., MY
[71] FOURTE INTERNATIONAL, SDN. BHD., MY
[71] FARQUHAR, JAMES J., MY
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[54] **AIRCRAFT ENGINE PART COMPRISING AN EROSION PROTECTIVE COATING AND PROCESS FOR MANUFACTURING SUCH A PART**
[54] **PIECE DE MOTEUR D'AERONEF COMPORTANT UN REVETEMENT DE PROTECTION CONTRE L'EROSION ET PROCEDE DE FABRICATION D'UNE TELLE PIECE**
[72] GURT SANTANACH, JULIEN, FR
[72] VIOLA, ALAIN, FR
[72] CRABOS, FABRICE, FR
[71] SAFRAN, FR
[71] SAFRAN HELICOPTER ENGINES, FR
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[54] **METHOD AND SYSTEM FOR ACQUIRING AND ANALYZING PHYSIOLOGICAL DATA**
[54] **PROCEDE ET SYSTEME D'ACQUISITION ET D'ANALYSE DE DONNEES PHYSIOLOGIQUES**
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[72] TARLET, JEAN-MICHEL, FR
[71] @HAEALTH, FR
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[54] **SOLUTION AQUEUSE DE PEROXYDE D'HYDROGENE COMPRENANT UN STABILISANT SPECIFIQUE**
[72] ZYDOWICZ, PHILIPPE, FR
[72] LARNICOL, PIERRE, FR
[71] ARKEMA FRANCE, FR
[85] 2018-05-11
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[54] **TYRE, THE TREAD OF WHICH COMPRISES A RUBBER COMPOSITION COMPRISING A LOW SPECIFIC SURFACE AREA SILICA AND A LOW GLASS TRANSITION TEMPERATURE DIENE ELASTOMER**
[54] **PNEUMATIQUE DONT LA BANDE DE ROULEMENT COMPREND UNE COMPOSITION DE CAOUTCHOUC COMPRENANT UNE SILICE DE BASSE SURFACE SPECIFIQUE ET UN ELASTOMERE DIENIQUE DE FAIBLE TEMPERATURE DE TRANSITION VITREUSE**
[72] VOISIN, FLORIANDRE, FR
[72] NOURRY, CHRISTINE, FR
[72] LONGCHAMBON, KARINE, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[51] **Int.Cl. A61K 47/12 (2006.01) A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 31/00 (2006.01) A61K 47/26 (2006.01)**
[25] EN
[54] **A PROCESS FOR PREPARING A DRY POWDER FORMULATION COMPRISING AN ANTICHOLINERGIC, A CORTICOSTEROID AND A BETA-ADRENERGIC**
[54] **PROCEDE POUR PREPARER UNE FORMULATION DE POUDRE SECHE COMPRENANT UN ANTICHOLINERGIQUE, UN CORTICOSTEROIDE ET UN BETA-ADRENERGIQUE**
[72] CAFIERO, CLAUDIO, IT
[72] ORTENZI, LEONARDO, IT
[72] SCHIARETTI, FRANCESCA, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
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[25] EN
[54] **A PROCESS FOR PREPARING A DRY POWDER FORMULATION COMPRISING AN ANTICHOLINERGIC, A CORTICOSTEROID AND A BETA-ADRENERGIC**
[54] **PROCEDE DE PREPARATION D'UNE FORMULATION DE POUDRE SECHE COMPRENANT UN ANTICHOLINERGIQUE, UN CORTICOSTEROIDE ET UN BETA-ADRENERGIQUE**
[72] CAFIERO, CLAUDIO, IT
[72] ORTENZI, LEONARDO, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
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[54] **ANTI-5T4 ANTIBODIES AND ANTIBODY-DRUG CONJUGATES**
[54] **ANTICORPS ANTI-5T4 ET CONJUGUES ANTICORPS-MEDICAMENT**
[72] VAN DER LEE, MIRANDA MARIA CORNELIA, NL
[72] ARIAANS, GERARDUS JOSEPH ANDREAS, NL
[72] SCHOUTEN, JAN, NL
[72] BLOMENROHR, MARION, NL
[72] GROOTHUIS, PATRICK GERHARD, NL
[72] COUMANS, RUDY GERARDUS ELISABETH, NL
[71] SYNTHON BIOPHARMACEUTICALS B.V., NL
[85] 2018-05-14
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[54] **DUAL-THREAD BONE SCREW**
[54] **VIS OSSEUSE A DOUBLE FILET**
[72] KRIER, BRICE, FR
[72] VIRGAUX, NICOLAS, FR
[72] SAUVAGE, BRUNO, FR
[72] VIART, GUY, FR
[72] ROKEGEM, PASCAL, FR
[72] CLEVENNA, ANDREW, US
[71] CLARIANCE, FR
[85] 2018-05-14
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[30] FR (1560934) 2015-11-16

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[51] **Int.Cl. C23C 14/56 (2006.01) C23C 16/54 (2006.01)**
[25] FR
[54] **DEVICE FOR THE COATING OF ONE OR MORE WIRES USING A VAPOUR PHASE DEPOSITION METHOD**
[54] **DISPOSITIF POUR LE REVETEMENT D'UN OU PLUSIEURS FILS PAR UN PROCEDE DE DEPOT EN PHASE VAPEUR**
[72] BUET, EMILIEN, FR
[72] THIBAUD, SIMON, FR
[72] DELCAMP, ADRIEN, FR
[72] DESCAMPS, CEDRIC, FR
[71] SAFRAN CERAMICS, FR
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[54] **CRACK RESISTANT MICRO SURFACING COMPOSITION**
[54] **COMPOSITION DE MICROSURFACAGE RESISTANT AUX FISSURES**
[72] HEMSLEY, JAMES M., JR., US
[72] JORDAN, WALTER S., III, US
[72] DARANGA, CODRIN, US
[71] ERGON ASPHALT & EMULSIONS, INC., US
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[30] US (62/254,998) 2015-11-13

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[51] **Int.Cl. A01K 45/00 (2006.01) A01K 29/00 (2006.01) A61B 5/00 (2006.01) B07C 5/34 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **SYSTEM AND METHOD OF DETERMINING THE HEALTH & GENDER OF A CHICK**
[54] **SYSTEME ET PROCEDE POUR DETERMINER LA SANTE ET LE SEXE DU D'UN POUSSIN**
[72] KARIMPOUR, RAMIN, US
[71] APPLIED LIFESCIENCES AND SYSTEMS, LLC, US
[85] 2018-05-14
[86] 2016-11-11 (PCT/US2016/061536)
[87] (WO2017/083654)
[30] US (62/254,737) 2015-11-13
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[13] A1
[51] **Int.Cl. A61D 1/02 (2006.01) A61D 7/00 (2006.01)**
[25] EN
[54] **AUTOMATIC SYSTEM AND METHOD FOR DELIVERING A SUBSTANCE TO AN ANIMAL**
[54] **SYSTEME ET PROCEDE AUTOMATIQUES D'ADMINISTRATION D'UNE SUBSTANCE A UN ANIMAL**
[72] KARIMPOUR, RAMIN, US
[71] APPLIED LIFESCIENCES AND SYSTEMS, LLC, US
[85] 2018-05-14
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[30] US (62/254,737) 2015-11-13
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[51] **Int.Cl. C07D 487/04 (2006.01)**
[25] EN
[54] **CHEMICALLY-LOCKED BISPECIFIC ANTIBODIES**
[54] **ANTICORPS BISPECIFIQUES BLOQUES CHIMIQUEMENT**
[72] FU, YANWEN, US
[72] KAUFMANN, GUNNAR F., US
[72] PATTERSON, JAMES, US
[71] SORRENTO THERAPEUTICS, INC., US
[85] 2018-05-15
[86] 2016-11-17 (PCT/US2016/062411)
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[30] US (62/257,044) 2015-11-18

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[13] A1
[51] **Int.Cl. A61M 5/30 (2006.01)**
[25] EN
[54] **NEEDLE-FREE TRANSDERMAL INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION TRANSDERMIQUE SANS AIGUILLE**
[72] COATS, ANDREW, US
[72] DYER, ROBERT J., US
[71] PORTAL INSTRUMENTS, INC., US
[85] 2018-05-15
[86] 2016-11-22 (PCT/US2016/063240)
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[51] **Int.Cl. H04N 21/441 (2011.01) H04N 21/234 (2011.01) H04N 21/27 (2011.01) G06F 21/10 (2013.01) H04N 19/44 (2014.01) H04N 19/70 (2014.01) H04L 9/30 (2006.01) G08B 13/196 (2006.01)**
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[54] **MEDIA STREAMING**
[54] **DIFFUSION DE FLUX MEDIAS**
[72] RACZ, PIERRE, CA
[72] RIOUX, FREDERIC, CA
[71] GENETEC INC., CA
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[30] US (62/257,966) 2015-11-20

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[51] **Int.Cl. C07K 1/16 (2006.01) C07K 1/18 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **IMPROVED PROTEIN SEPARATION IN ION EXCHANGE CHROMATOGRAPHY**
[54] **SEPARATION DE PROTEINES AMELIOREE DANS LA CHROMATOGRAPHIE D'ECHANGE D'IONS**
[72] JOEHNCK, MATTHIAS, DE
[71] MERCK PATENT GMBH, DE
[85] 2018-05-16
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[51] **Int.Cl. C07K 16/18 (2006.01)**
[25] EN
[54] **IMPROVED SERUM ALBUMIN BINDERS**
[54] **LIANTS D'ALBUMINE SERIQUE AMELIORES**
[72] BUYSE, MARIE-ANGE, BE
[71] ABLYNX NV, BE
[85] 2018-05-16
[86] 2016-11-17 (PCT/EP2016/077973)
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[13] A1
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 9/19 (2006.01) A61K 47/26 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NOVEL PHARMACEUTICAL COMPOSITION COMPRISING PARTICLES COMPRISING A COMPLEX OF A DOUBLE-STRANDED POLYRIBONUCLEOTIDE AND A POLYALKYLENEIMINE**
[54] **NOUVELLE COMPOSITION PHARMACEUTIQUE COMPRENANT DES PARTICULES COMPRENANT UN COMPLEXE CONSTITUE D'UN POLYRIBONUCLEOTIDE BICATENAIRE ET D'UNE POLYALKYLENEIMINE**
[72] POZUELO RUBIO, MERCEDES, ES
[72] QUINTERO ORTIZ, MARISOL, ES
[72] VILLANUEVA GARCIA, ANA, ES
[71] BIONCOTECH THERAPEUTICS, S.L., ES
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[13] A1
[51] **Int.Cl. B23B 13/12 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR RECOVERING AND UNLOADING BAR CROP ENDS FROM A MACHINE TOOL**
[54] **DISPOSITIF ET PROCEDE POUR RECUPERER ET DECHARGER DES EXTREMITES DE CHUTE DE BARRE D'UNE MACHINE-OUTIL**
[72] CUCCHI, CESARE, IT
[71] CUCCHI GIOVANNI & C. S.R.L., IT
[85] 2018-05-16
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[51] **Int.Cl. B32B 17/10 (2006.01)**
[25] EN
[54] **METHOD FOR ROLLING UP A WEDGE-SHAPED FILM**
[54] **PROCEDE POUR ENROULER UNE FEUILLE CUNEIFORME**
[72] GIER, STEPHAN, DE
[72] LUCKE, STEFAN, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-05-16
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[30] EP (15199812.7) 2015-12-14

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[51] **Int.Cl. C07K 16/00 (2006.01) C07K 14/39 (2006.01) C07K 16/14 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **MULTISPECIFIC ANTIBODIES**
[54] **ANTICORPS MULTISPECIFIQUES**
[72] BHATTA, PALLAVI, GB
[72] STARKIE, LAURA, GB
[72] WRIGHT, MICHAEL JOHN, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2018-05-16
[86] 2016-12-01 (PCT/EP2016/079429)
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[51] **Int.Cl. A61K 31/426 (2006.01) A61K 9/00 (2006.01) A61P 27/02 (2006.01)**
[25] FR
[54] **MIRABEGRON FOR THE TREATMENT OF RETINAL DISEASES**
[54] **MIRABEGRON POUR LE TRAITEMENT DE MALADIES RETINIENNES**
[72] FONTAINE, VALERIE, FR
[72] VIDAL, CECILE, FR
[72] SAHEL, JOSE-ALAIN, FR
[71] SORBONNE UNIVERSITE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[85] 2018-05-16
[86] 2016-11-17 (PCT/FR2016/052981)
[87] (WO2017/085407)
[30] FR (1561067) 2015-11-17

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[51] **Int.Cl. F02B 75/04 (2006.01)**
[25] FR
[54] **ROD FOR A VARIABLE COMPRESSION RATIO ENGINE**
[54] **BIELLE POUR MOTEUR A RAPPORT VOLUMETRIQUE VARIABLE**
[72] DURY, PHILIPPE, FR
[72] MIEHE, YVES, FR
[71] MCE 5 DEVELOPMENT, FR
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[86] 2016-11-17 (PCT/FR2016/052984)
[87] (WO2017/085409)
[30] FR (1561052) 2015-11-17

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[51] **Int.Cl. C07D 245/04 (2006.01) A61K 31/395 (2006.01) A61P 31/04 (2006.01)**
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[54] **MACROCYCLIC BROAD SPECTRUM ANTIBIOTICS**
[54] **ANTIBIOTIQUES MACROCYCLIQUES A LARGE SPECTRE**
[72] CHEN, YONGSHENG, CN
[72] SMITH, PETER ANDREW, US
[72] ROBERTS, TUCKER CURRAN, US
[72] HIGUCHI, ROBERT I., US
[72] PARASELLI, PRASUNA, US
[72] KOEHLER, MICHAEL F. T., US
[72] SCHWARZ, JACOB BRADLEY, US
[72] CRAWFORD, JAMES JOHN, US
[72] LY, CUONG Q., US
[72] HU, HUIYONG, US
[72] YU, ZHIYONG, CN
[71] RQX PHARMACEUTICALS, INC., US
[71] GENENTECH, INC., US
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[30] CN (PCT/CN2015/095165) 2015-11-20
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[51] **Int.Cl. C04B 2/02 (2006.01) C01F 5/02 (2006.01) C01F 11/02 (2006.01) C04B 2/06 (2006.01) C04B 2/10 (2006.01) C04B 22/06 (2006.01)**
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[54] **POSTPONED ONSET OF QUICKLIME HYDRATION**
[54] **APPARITION REPORTEE DE L'HYDRATATION DE LA CHAUX VIVE**
[72] CHUN, BYONG-WA, US
[71] GCP APPLIED TECHNOLOGIES INC., US
[85] 2018-05-14
[86] 2016-11-14 (PCT/US2016/061855)
[87] (WO2017/087326)
[30] US (62/255,657) 2015-11-16

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[51] **Int.Cl. A61B 5/0478 (2006.01) A61B 5/0476 (2006.01)**
[25] EN
[54] **EEG HEADSETS WITH PRECISE AND CONSISTENT ELECTRODE POSITIONING**
[54] **CASQUES EEG AVEC POSITIONNEMENT D'ELECTRODES PRECIS ET COHERENT**
[72] SCHALK, GERWIN, US
[72] MORAN, DANIEL W., US
[72] COKER, ROB, US
[72] BUNDY, DAVID, US
[72] RAGLAND, ROBERT R., US
[72] D'AQUANNI, PETER J., US
[72] VOORHEES, THOMAS, US
[72] CARLSON, GILBERT L., US
[72] LEUTHARDT, ERIC C., US
[71] NEUROLUTIONS, INC., US
[71] LEUTHARDT, ERIC C., US
[71] SCHALK, GERWIN, US
[71] MORAN, DANIEL W., US
[71] COKER, ROB, US
[71] BUNDY, DAVID, US
[71] RAGLAND, ROBERT R., US
[71] D'AQUANNI, PETER J., US
[71] VOORHEES, THOMAS, US
[71] CARLSON, GILBERT L., US
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[25] EN
[54] **FIT-CHECK DEVICE**
[54] **DISPOSITIF DE VERIFICATION D'AJUSTEMENT**
[72] FLOAT, JAMISON, US
[72] LUA, JAMES, US
[72] WISNIEWSKI, DAN, US
[72] EDER, BRANDON, US
[72] MYERS, GARY, US
[72] ZLOBEC, SANRO, US
[71] Q30 SPORTS SCIENCE, LLC, US
[85] 2018-05-14
[86] 2016-11-15 (PCT/US2016/062006)
[87] (WO2017/087370)
[30] US (62/256,004) 2015-11-16

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[51] **Int.Cl. A61B 17/132 (2006.01) A61B 17/135 (2006.01) A61H 39/04 (2006.01) F41H 1/00 (2006.01)**
[25] EN
[54] **TRAUMATIC BRAIN INJURY PROTECTION DEVICES**
[54] **DISPOSITIFS DE PROTECTION DE LESIONS CEREBRALES TRAUMATIQUES**
[72] ELVIRA, GEORGE, US
[72] GEORGIEV, STEPHAN, US
[72] TREMBLAY, MARTIN, US
[71] Q30 SPORTS SCIENCE, LLC, US
[85] 2018-05-14
[86] 2016-11-16 (PCT/US2016/062335)
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[13] A1
[51] **Int.Cl. E04F 21/24 (2006.01) E01C 19/44 (2006.01)**
[25] EN
[54] **FLOAT, FLOAT ASSEMBLIES, FLOAT ADAPTERS AND INTERFACES, FLOAT VIBRATION APPARATUS, AND GROOVERS AND METHODS**
[54] **APLANISSOIRE, ENSEMBLES APLANISSOIRES, INTERFACES ET ADAPTATEURS D'APLANISSOIRES, APPAREIL DE VIBRATION D'APLANISSOIRE, ET FERS A RAINURES ET PROCEDES**
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[72] BRENING, SCOTT, US
[71] BARON INNOVATIVE TECHNOLOGY LP, US
[85] 2018-05-14
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[30] US (62/256,030) 2015-11-16
[30] US (62/289,241) 2016-01-30
[30] US (62/289,909) 2016-02-01
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[51] **Int.Cl. B23K 9/10 (2006.01) H02M 3/28 (2006.01) H02M 3/335 (2006.01)**
[25] EN
[54] **WELDING POWER SUPPLY WITH EXTENDED VOLTAGE CHARACTERISTIC**
[54] **ALIMENTATION DE SOUDAGE AVEC CARACTERISTIQUE DE TENSION ETENDUE**
[72] MNICH, ANDRZEJ, PL
[71] ESAB AB, SE
[85] 2018-05-16
[86] 2015-12-14 (PCT/IB2015/059601)
[87] (WO2017/103648)

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[13] A1
[51] **Int.Cl. C07C 67/293 (2006.01) C07C 6/04 (2006.01) C07C 69/533 (2006.01)**
[25] EN
[54] **PRODUCTION OF FATTY OLEFIN DERIVATIVES VIA OLEFIN METATHESIS**
[54] **PRODUCTION DE DERIVES D'OLEFINES GRAS PAR L'INTERMEDIAIRE D'UNE METATHESE D'OLEFINES**
[72] ONDI, LEVENTE, CH
[72] MEHDI, HASAN, CH
[72] WAMPLER, KEITH M., US
[72] MEINHOLD, PETER, US
[72] COELHO, PEDRO, US
[72] BUI, VU, US
[71] PROVIVI, INC., US
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[86] 2016-11-17 (PCT/US2016/062595)
[87] (WO2017/087710)
[30] US (62/257,148) 2015-11-18

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[13] A1
[51] **Int.Cl. F23R 3/28 (2006.01) F23R 3/34 (2006.01)**
[25] EN
[54] **WELDED FUEL NOZZLE AND METHOD OF FABRICATING A FUEL NOZZLE**
[54] **BUSE DE CARBURANT SOUDEE ET PROCEDE DE FABRICATION D'UNE BUSE DE CARBURANT**
[72] MARCHAL, N. DARIUS, US
[72] MCGHEE, MICHAEL, US
[71] ANSALDO ENERGIA SWITZERLAND AG, CH
[85] 2018-05-16
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[87] (WO2017/085683)
[30] US (62/257,575) 2015-11-19

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[13] A1
[51] **Int.Cl. C07K 14/755 (2006.01) A61K 48/00 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **VIRAL VECTORS ENCODING RECOMBINANT FVIII VARIANTS WITH INCREASED EXPRESSION FOR GENE THERAPY OF HEMOPHILIA A**
[54] **VECTEURS VIRAUX CODANT POUR DES VARIANTS DU FACTEUR VIII DE RECOMBINAISON AVEC UNE EXPRESSION AUGMENTEE POUR LA THERAPIE GENIQUE DE L'HEMOPHILIE A**
[72] FALKNER, FALKO-GUNTER, AT
[72] HORLING, FRANZISKA, AT
[72] LENGLER, JOHANNES, AT
[72] ROTTENSTEINER, HANSPETER, AT
[72] SCHEIFLINGER, FRIEDRICH, AT
[71] BAXALTA INCORPORATED, US
[71] BAXALTA GMBH, CH
[85] 2018-05-14
[86] 2016-11-11 (PCT/US2016/061688)
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[30] US (62/255,323) 2015-11-13

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[13] A1
[51] **Int.Cl. B01J 4/00 (2006.01) D21C 1/02 (2006.01)**
[25] EN
[54] **STEAM SAVING DEVICE**
[54] **DISPOSITIF D'ECONOMIE DE VAPEUR**
[72] HUEHNLEIN, BJOERN, DE
[72] HOPPE, THOMAS, DE
[72] HORTSCH, RALF, DE
[72] GRASER, KONSTANZE, DE
[71] CLARIANT INTERNATIONAL LTD, CH
[85] 2018-05-14
[86] 2016-11-30 (PCT/EP2016/079272)
[87] (WO2017/102330)
[30] EP (15199879.6) 2015-12-14

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[13] A1
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[54] **SEAMLESS SWITCHOVER SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE BASCULEMENT SANS INTERRUPTION**
[72] KANNER, ABE, CA
[72] LUNGU, MIHAI, CA
[72] ZHAO, JANICE, CA
[71] THALES CANADA INC., CA
[85] 2018-05-16
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[30] US (62/264,906) 2015-12-09

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[51] **Int.Cl. F02B 75/04 (2006.01) F16C 3/28 (2006.01) F16C 7/06 (2006.01)**
[25] FR
[54] **VARIABLE COMPRESSION RATIO ENGINE**
[54] **MOTEUR A RAPPORT VOLUMETRIQUE VARIABLE**
[72] DURY, PHILIPPE, FR
[72] MIEHE, YVES, FR
[71] MCE 5 DEVELOPMENT, FR
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[86] 2016-11-17 (PCT/FR2016/052985)
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[30] FR (1561059) 2015-11-17

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[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/09 (2006.01) H02M 3/158 (2006.01) H02M 3/24 (2006.01) H02M 3/28 (2006.01) H02M 3/335 (2006.01)**
[25] EN
[54] **WELDING POWER SUPPLY WITH EXTENDED VOLTAGE CHARACTERISTIC**
[54] **ALIMENTATION DE SOUDAGE AVEC CARACTERISTIQUE DE TENSION ETENDUE**
[72] MNICH, ANDRZEJ, PL
[71] ESAB AB, SE
[85] 2018-05-16
[86] 2016-12-05 (PCT/IB2016/057363)
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[51] **Int.Cl. B01J 29/70 (2006.01) B01D 53/94 (2006.01) B01J 21/06 (2006.01) B01J 29/72 (2006.01) F01N 3/20 (2006.01)**
[25] EN
[54] **EXHAUST GAS TREATMENT CATALYST**
[54] **CATALYSEUR POUR LE TRAITEMENT DE GAZ D'ECHAPPEMENT**
[72] MOHANAN, JAYA L., US
[72] GRAMICCIONI, GARY A., US
[72] HOCHMUTH, JOHN, US
[72] VOSS, KENNETH E., US
[71] BASF CORPORATION, US
[85] 2018-05-16
[86] 2016-11-16 (PCT/IB2016/056906)
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[30] US (62/256,258) 2015-11-17

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[51] **Int.Cl. C23C 14/56 (2006.01) C23C 16/54 (2006.01)**
[25] FR
[54] **DEVICE FOR THE COATING OF ONE OR MORE WIRES USING A VAPOUR PHASE DEPOSITION METHOD**
[54] **DISPOSITIF POUR LE REVETEMENT D'UN OU PLUSIEURS FILS PAR UN PROCEDE DE DEPOT EN PHASE VAPEUR**
[72] BUET, EMILIEN, FR
[72] THIBAUD, SIMON, FR
[72] DELCAMP, ADRIEN, FR
[72] DESCAMPS, CEDRIC, FR
[71] SAFRAN CERAMICS, FR
[85] 2018-05-16
[86] 2016-11-18 (PCT/FR2016/053008)
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[30] FR (1561150) 2015-11-19

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[51] **Int.Cl. E04C 2/04 (2006.01) E04B 1/04 (2006.01) E04B 1/92 (2006.01)**
[25] FR
[54] **ARCHITECTURAL ASSEMBLY FORMING A SHIELD AGAINST ELECTROMAGNETIC RADIATION**
[54] **ENSEMBLE ARCHITECTURE FORMANT UN BLINDAGE CONTRE LES RAYONNEMENTS ELECTROMAGNETIQUES**
[72] CARON-FELLENS, JEAN-PAUL, FR
[72] MARDIGUIAN, MICHEL, FR
[72] PITOUX, THIERRY, FR
[72] SOULIAC, GUILLAUME, FR
[71] EUROMC, FR
[71] SPIE BATIGNOLLES GENIE CIVIL, FR
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[86] 2017-02-03 (PCT/FR2017/050244)
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[25] EN
[54] **HOLDER FOR AEROSOL GENERATING ARTICLE**
[54] **SUPPORT DESTINE A UN ARTICLE DE GENERATION D'AEROSOL**
[72] BATISTA, RUI, CH
[72] ROJO-CALDERON, NOELIA, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-16
[86] 2016-12-06 (PCT/IB2016/057391)
[87] (WO2017/115182)
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[51] **Int.Cl. C21D 8/12 (2006.01) C22C 38/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING NON-ORIENTED ELECTRICAL STEEL SHEET**
[54] **PROCEDE DE FABRICATION D'UNE TOLE D'ACIER ELECTROMAGNETIQUE A GRAINS NON ORIENTES**
[72] ZAIZEN, YOSHIAKI, JP
[72] OKUBO, TOMOYUKI, JP
[72] ODA, YOSHIHIKO, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-05-16
[86] 2016-10-03 (PCT/JP2016/079252)
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[30] JP (2016-160644) 2016-08-18

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[51] **Int.Cl. A24F 47/00 (2006.01) A24F 13/02 (2006.01)**
[25] EN
[54] **HOLDER FOR AEROSOL GENERATING ARTICLE**
[54] **SUPPORT POUR ARTICLE GENERATEUR D'AEROSOL**
[72] SAYGILI, ALI MURAT, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-16
[86] 2016-12-06 (PCT/IB2016/057393)
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[30] EP (15202956.7) 2015-12-29

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[51] **Int.Cl. A24F 13/02 (2006.01) A24F 13/14 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **END PIECE FOR AEROSOL GENERATING ARTICLE**
[54] **EMBOUT POUR ARTICLE GENERATEUR D'AEROSOL**
[72] ROJO-CALDERON, NOELIA, CH
[72] BATISTA, RUI, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-16
[86] 2016-12-06 (PCT/IB2016/057390)
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[51] **Int.Cl. A61K 8/02 (2006.01) A61Q 1/00 (2006.01)**
[25] EN
[54] **COSMETICS HAVING IMPREGNATION MEMBER WITH RECESSED PATTERN FORMED ON SURFACE THEREOF BY LASER PROCESSING**
[54] **PRODUIT COSMETIQUE COMPRENANT UN ELEMENT D'IMPREGNATION A MOTIF EVIDE FORME SUR SA SURFACE PAR TRAITEMENT LASER**
[72] KIM, JUN YOUNG, KR
[72] KIM, JU HO, KR
[71] AMOREPACIFIC CORPORATION, KR
[85] 2018-05-16
[86] 2016-11-23 (PCT/KR2016/013507)
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[30] KR (10-2015-0164374) 2015-11-24
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[51] **Int.Cl. A01G 9/24 (2006.01) B65D 88/74 (2006.01) F16L 55/027 (2006.01) F24F 7/10 (2006.01) F24F 13/068 (2006.01) F25D 17/00 (2006.01)**
[25] EN
[54] **AIR HANDLING SYSTEM FOR A CLIMATE CONTROL SYSTEM IN AN DELIMITED SPACE, CLIMATE CONTROL SYSTEM FOR CLIMATE CONTROL IN AN DELIMITED SPACE, MODULAR UNIT COMPRISING A DELIMITED SPACE AND CLIMATE CONTROL SYSTEM AND AN ASSEMBLY OF MODULAR UNITS**
[54] **SYSTEME DE TRAITEMENT D'AIR POUR SYSTEME DE REGULATION CLIMATIQUE DANS UN ESPACE DELIMITE, SYSTEME DE REGULATION CLIMATIQUE POUR REGULATION CLIMATIQUE DANS UN ESPACE DELIMITE, UNITE MODULAIRE COMPRENANT UN ESPACE DELIMITE ET UN SYSTEME DE REGULATION CLIMATIQUE, ET ENSEMBLE D'UNITES MODULAIRES**
[72] VAN DER HELM, REINIERUS THEODORUS CORNELIS, NL
[72] BREUKEL, CORNELIS MARINUS GIJSBERTUS ADRIANUS MARIA, NL
[71] PRIVA B.V., NL
[85] 2018-05-16
[86] 2015-11-18 (PCT/NL2015/050806)
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[13] A1
[51] **Int.Cl. B65D 19/00 (2006.01)**
[25] EN
[54] **PALLET WITH EXTRUDED COMPOSITE SUPPORT BLOCKS AND ASSOCIATED METHODS OF MAKING THE SAME**
[54] **PALETTE AVEC BLOCS DE SUPPORT COMPOSITES EXTRUDES ET PROCEDES ASSOCIES POUR SA FABRICATION**
[72] DE BEER, SAREL JOHANNES, ZA
[72] BRANDT, KEN, US
[72] WOOD, MATTHEW, US
[71] CHEP TECHNOLOGY PTY LIMITED, AU
[85] 2018-05-16
[86] 2016-01-08 (PCT/US2016/012593)
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[13] A1
[51] **Int.Cl. A63F 1/06 (2006.01) A44C 21/00 (2006.01) A63F 3/00 (2006.01) G07F 17/32 (2006.01)**
[25] EN
[54] **TABLE GAME MANAGEMENT SYSTEM, GAME TOKEN, AND INSPECTION APPARATUS**
[54] **SYSTEME DE GESTION DE JEU DE TABLE, MONNAIE DE SUBSTITUTION POUR JEU, ET DISPOSITIF D'INSPECTION**
[72] SHIGETA, YASUSHI, JP
[71] ANGEL PLAYING CARDS CO., LTD., JP
[85] 2018-05-16
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[13] A1
[51] **Int.Cl. A24F 13/02 (2006.01) A24F 13/14 (2006.01) A24F 47/00 (2006.01)**
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[54] **HOLDER FOR AEROSOL GENERATING ARTICLE**
[54] **SUPPORT DESTINE A ARTICLE DE GENERATION D'AEROSOL**
[72] CEPPI, FRANCOIS, CH
[72] SAYGILI, ALI MURAT, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-16
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[51] **Int.Cl. C07K 16/18 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTI-C5 ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS ANTI-C5 ET LEURS PROCEDES D'UTILISATION**
[72] SAMPEI, ZENJIRO, SG
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2018-05-16
[86] 2016-12-16 (PCT/JP2016/087481)
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[51] **Int.Cl. B62D 35/02 (2006.01)**
[25] EN
[54] **WING FOR VEHICLES, PROCESS FOR ITS CONTROL AND MOTOR VEHICLE COMPRISING THIS WING**
[54] **AILE POUR VEHICULES, SON PROCEDE DE COMMANDE ET VEHICULE AUTOMOBILE COMPRENANT CETTE AILE**
[72] TORLUCCIO, ANTONIO, IT
[72] DINI, EMILIANO, IT
[72] AGUGGIARO, ANDREA, IT
[72] PARISI, RICCARDO, IT
[71] AUTOMOBILI LAMBORGHINI S.P.A., IT
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[51] **Int.Cl. E21B 29/00 (2006.01) E21B 17/00 (2006.01) E21B 29/06 (2006.01)**
[25] EN
[54] **WATERMELON MILL WITH REPLACEABLE CUTTING STRUCTURE**
[54] **FRAISE DE TYPE WATERMELON A STRUCTURE DE COUPE REMPLACABLE**
[72] HEM, GREGORY L., US
[72] HEM, CHRISTOPHER R., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-05-16
[86] 2016-10-14 (PCT/US2016/057054)
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[30] US (14/944,995) 2015-11-18

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[13] A1
[51] **Int.Cl. A01N 37/00 (2006.01) A01N 25/10 (2006.01)**
[25] EN
[54] **SURFACE DISINFECTANT WITH RESIDUAL BIOCIDAL PROPERTY**
[54] **DESINFECTANT DE SURFACE AYANT UNE PROPRIETE BIOCIDE RESIDUELLE**
[72] LAN, TIAN, US
[72] HANNA, SAMUEL JAMES, US
[72] SLOAN, GINA PARISE, US
[72] AYLWARD, BRIAN PATRICK, US
[72] WELCH, KAREN TERRY, US
[72] SHIREMAN, DENNIS EARL, US
[72] KAVCHOK, KEVIN ANDREW, US
[72] HAWES, CHARLES L., US
[71] MICROBAN PRODUCTS COMPANY, US
[71] W.M. BARR & COMPANY, INC., US
[85] 2018-05-16
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[87] (WO2017/091250)
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[51] **Int.Cl. F16K 1/226 (2006.01) F16K 1/18 (2006.01) F16K 1/20 (2006.01) F16K 1/22 (2006.01) F16K 1/228 (2006.01) F16K 27/02 (2006.01)**
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[54] **SPRUNG SEAL RETAINER**
[54] **DISPOSITIF DE RETENUE DE JOINT D'ETANCHEITE A RESSORT**
[72] PARK, YANG BAE, US
[72] TRAPANI, MICHAEL, US
[72] ZSILAVETZ, LOUIS, US
[72] NIEBELL, DOUGLAS P., US
[71] VICTAULIC COMPANY, US
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[86] 2016-11-17 (PCT/US2016/062494)
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[30] US (62/258,797) 2015-11-23

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[51] **Int.Cl. G06F 19/10 (2011.01) G06F 19/16 (2011.01) G06F 19/26 (2011.01) G06F 19/28 (2011.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **METHOD FOR CALIBRATING A DATA SET OF A TARGET ANALYTE**
[54] **PROCEDE POUR ETALONNER UN ENSEMBLE DE DONNEES D'UN ANALYTE CIBLE**
[72] CHUN, JONG YOON, KR
[72] LEE, YOUNG JO, KR
[72] LEE, HAN BIT, KR
[71] SEEGENE, INC., KR
[85] 2018-05-16
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[87] (WO2017/086762)
[30] KR (10-2015-0163173) 2015-11-20
[30] KR (10-2016-0100343) 2016-08-05

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[13] A1
[51] **Int.Cl. A01N 37/20 (2006.01) A01N 25/10 (2006.01)**
[25] EN
[54] **SURFACE DISINFECTANT WITH RESIDUAL BIOCIDAL PROPERTY**
[54] **DESINFECTANT DE SURFACE AYANT UNE PROPRIETE BIOCIDE RESIDUELLE**
[72] LAN, TIAN, US
[72] HANNA, SAMUEL JAMES, US
[72] SLOAN, GINA PARISE, US
[72] AYLWARD, BRIAN PATRICK, US
[72] WELCH, KAREN TERRY, US
[72] SHIREMAN, DENNIS EARL, US
[72] KAVCHOK, KEVIN ANDREW, US
[72] HAWES, CHARLES L., US
[71] W.M. BARR & COMPANY, INC., US
[71] MICROBAN PRODUCTS COMPANY, US
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[86] 2016-05-24 (PCT/US2016/033891)
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[30] US (14/949,046) 2015-11-23
[30] US (15/162,094) 2016-05-23

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[51] **Int.Cl. G01C 3/08 (2006.01) G01S 17/02 (2006.01) G01S 17/66 (2006.01)**
[25] EN
[54] **ESTIMATION OF MOTION IN SIX DEGREES OF FREEDOM (6DOF) USING LIDAR**
[54] **ESTIMATION DE DEPLACEMENT DANS SIX DEGRES DE LIBERTE (6DOF) PAR LIDAR**
[72] BELSLEY, KENDALL, US
[72] SEBASTIAN, RICHARD, US
[71] DSCG SOLUTIONS, INC., US
[85] 2018-05-16
[86] 2016-11-18 (PCT/US2016/062732)
[87] (WO2017/087779)
[30] US (62/257,523) 2015-11-19
[30] US (15/354,327) 2016-11-17

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[51] **Int.Cl. A61L 15/32 (2006.01) A61L 15/42 (2006.01)**
[25] EN
[54] **METHODS TO PRODUCE PERFORATED COLLAGEN COATED SURGICAL MESHES**
[54] **PROCEDES DE PRODUCTION DE FILETS CHIRURGICAUX ENDUITS DE COLLAGENE PERFORES**
[72] LIMEM, SKANDER, US
[72] SHAH, BHAVIN, US
[72] RIZK, SAID, US
[71] TEPHA, INC., US
[85] 2018-05-16
[86] 2016-11-17 (PCT/US2016/062538)
[87] (WO2017/087676)
[30] US (62/257,372) 2015-11-19

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[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) A61K 8/60 (2006.01) A61K 8/97 (2017.01) C07H 1/08 (2006.01) C07H 21/02 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITION COMPRISING A SMALL RNA TIGER LILY EXTRACT AND METHOD OF COSMETIC CARE TO REDUCE SKIN SIGNS OF AGING**
[54] **COMPOSITION TOPIQUE COMPRENANT UN EXTRAIT DE LYS TIGRE A PETITS ARN ET PROCEDE DE SOIN COSMETIQUE POUR REDUIRE LES SIGNES CUTANES DU VIEILLISSEMENT**
[72] OGER, ELODIE, FR
[72] CHABERT, RACHEL, FR
[72] IMBERT, ISABELLE, FR
[72] BOTTO, JEAN-MARIE, FR
[72] DOMLOGE, NOUHA, FR
[72] PERNODET, NADINE, US
[72] DONG, KELLY, US
[72] MANTELIN, JOEL, FR
[72] CHEN, CHIA-WEN, US
[71] ISP INVESTMENTS LLC, US
[71] ELC MANAGEMENT LLC, US
[85] 2018-05-16
[86] 2016-11-10 (PCT/US2016/061302)
[87] (WO2017/087245)
[30] FR (1502361) 2015-11-17

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[51] **Int.Cl. A23L 2/38 (2006.01) A23L 2/385 (2006.01) A23L 2/52 (2006.01) A23L 2/56 (2006.01) A23L 2/62 (2006.01) B01F 3/08 (2006.01)**
[25] EN
[54] **BEVERAGE NANOEMULSTIONS PRODUCED BY HIGH SHEAR PROCESSING**
[54] **NANOEMULSIONS DE BOISSON PRODUITES PAR TRAITEMENT A CISAILLEMENT ELEVE**
[72] AITCHI-ALI, BADREDDINE, US
[71] PEPSICO, INC., US
[85] 2018-05-16
[86] 2016-11-18 (PCT/US2016/062768)
[87] (WO2017/091462)
[30] US (14/952,159) 2015-11-25

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[13] A1
[51] **Int.Cl. B32B 25/10 (2006.01) A47L 13/16 (2006.01) B08B 1/00 (2006.01) B32B 5/02 (2006.01) B32B 5/26 (2006.01) B32B 7/04 (2006.01) B32B 27/12 (2006.01)**
[25] EN
[54] **OIL ABSORBENT WIPING PRODUCT**
[54] **PRODUIT D'ESSUYAGE ABSORBANT L'HUILE**
[72] CHANG, YU-WEN, US
[72] MACDONALD, JOHN GAVIN, US
[72] KAUL, VIKRAM S., US
[72] DOHERTY, JENNIFER L., US
[72] MORGAN, JAMES R., US
[72] YANG, KAIYUAN, US
[72] VAUGHAN, MICHAEL R., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2018-05-16
[86] 2016-07-29 (PCT/US2016/044746)
[87] (WO2017/095483)
[30] US (62/261,652) 2015-12-01
[30] US (62/315,714) 2016-03-31

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[51] **Int.Cl. A61M 16/04 (2006.01) A61M 1/00 (2006.01) A61M 16/08 (2006.01) A61M 16/20 (2006.01) A61M 25/01 (2006.01) F16K 15/00 (2006.01) A61M 39/10 (2006.01) A61M 39/24 (2006.01)**
[25] EN
[54] **SUCTION CATHETER ADAPTOR**
[54] **ADAPTATEUR DE CATHETER D'ASPIRATION**
[72] WHITE, DENNIS, US
[72] FU, HAOJUN, US
[71] VYAIRE MEDICAL CONSUMABLES LLC, US
[85] 2018-05-16
[86] 2016-11-17 (PCT/US2016/062553)
[87] (WO2017/087686)
[30] US (62/257,630) 2015-11-19

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[13] A1
[51] **Int.Cl. C05C 9/02 (2006.01) C05C 9/00 (2006.01) C05G 3/08 (2006.01)**
[25] EN
[54] **COMPOSITION CONTAINING N-(N-BUTYL) THIOPHOSPHORIC TRIAMIDE ADDUCTS AND REACTION PRODUCTS**
[54] **COMPOSITION CONTENANT DES PRODUITS D'ADDITION DE TRIAMIDE N-(N-BUTYL)-THIOPHOSPHORIQUE ET DES PRODUITS DE REACTION**
[72] BARR, DOUGLAS, US
[72] ETHEL, GARNIER, US
[72] OWUSU-ADOM, KWAME, US
[71] KOCH AGRONOMIC SERVICES, LLC, US
[85] 2018-05-16
[86] 2016-11-11 (PCT/US2016/061620)
[87] (WO2017/083714)
[30] US (62/255,565) 2015-11-11

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[51] **Int.Cl. F16K 27/02 (2006.01) F16K 27/00 (2006.01) F16L 3/10 (2006.01) F16L 17/04 (2006.01) F16L 41/06 (2006.01)**
[25] EN
[54] **VALVE COUPLING HAVING CENTERING SUPPORT PROJECTIONS**
[54] **ACCOUPLEMENT DE SOUPAPE POURVU DE SAILLIES DE SUPPORT DE CENTRAGE**
[72] PARK, YANG BAE, US
[71] VICTAULIC COMPANY, US
[85] 2018-05-16
[86] 2016-11-18 (PCT/US2016/062785)
[87] (WO2017/091464)
[30] US (62/258,797) 2015-11-23

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[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01) C10G 2/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REDUCING CO2 EMISSIONS FROM INDUSTRIAL PROCESSES**
[54] **PROCEDE ET SYSTEME DE REDUCTION DES EMISSIONS DE CO2 PROVENANT DE PROCESSUS INDUSTRIELS**
[72] DAVIDIAN, THOMAS, NL
[72] CORTHALS, STEVEN, NL
[72] BIESHEUVEL, CORNELIS, NL
[72] RUITENBEEK, MATTHIJS, NL
[72] MALEK, ANDRZEJ M., US
[72] GROENENDIJK, PETER E., NL
[72] MEIMA, GARMT R., NL
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **AMINONAPHTHOQUINONE COMPOUNDS FOR TREATMENT AND/OR PREVENTION OF FIBROSIS DISEASES**
[54] **COMPOSES D'AMINONAPHTHOQUINONE POUR LE TRAITEMENT ET/OU LA PREVENTION DE MALADIES DE FIBROSE**
[72] YEN, YUN, US
[72] LIOU, JING-PING, TW
[72] LIN, CHIEN HUANG, TW
[71] TAIPEI MEDICAL UNIVERSITY, TW
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[54] **PRODUCTS AND METHODS USING A PLATELET-DERIVED HEMOSTATIC AGENT FOR CONTROLLING BLEEDING AND IMPROVING HEALING**
[54] **PRODUITS ET METHODES D'UTILISATION D'UN AGENT HEMOSTATIQUE DERIVE DES PLAQUETTES POUR LA REGULATION DU SAIGNEMENT ET L'AMELIORATION DE LA CICATRISATION**
[72] WILLARD, STEPHEN H., US
[71] CELLPHIRE, INC., US
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[54] **DEVICES FOR ANCHORING TISSUE**
[54] **DISPOSITIFS D'ANCRAGE DE TISSU**
[72] TRIPLETT, DANIEL J., US
[72] FALLIN, T. WADE, US
[71] FIRST RAY, LLC, US
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[54] **SYSTEME DE TROP-PLEIN EN FORME DE FLUTE DE PAN**
[72] BEIJ, WOUTER, NL
[72] VAN SPAENDONK, BRAM ADRIANUS WALTHERUS, NL
[71] IHC HOLLAND IE B.V., NL
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[54] **DATA AGGREGATION AND PERSONALIZATION FOR REMOTELY CONTROLLED COOKING DEVICES**
[54] **AGREGATION ET PERSONNALISATION DE DONNEES POUR DISPOSITIFS DE CUISSON TELECOMMANDES**
[72] YOUNG, CHRISTOPHER CHARLES, US
[72] BALDWIN, DOUGLAS EUGENE, US
[72] NATKIN, MICHAEL, US
[72] SALAZAR, NELSON TIMOTHY, US
[71] CHEFSTEPS, INC., US
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[54] **COMPOSITION DE MASCARA ET PROCEDE ASSOCIE**
[72] LEE, WILSON A., US
[71] ELC MANAGEMENT LLC, US
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[54] **LIQUID TREATMENT METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE LIQUIDE**
[72] SHILTON, ANDREW NICHOLAS, NZ
[71] MASSEY UNIVERSITY, NZ
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[54] **COMPOSITIONS AND METHODS FOR THE REMOVAL OF SULFATES AND METALS FROM WASTE WATER**
[54] **COMPOSITIONS ET PROCEDES POUR L'ELIMINATION DE SULFATES ET METAUX D'EAUX USEES**
[72] MADDURI, ASHOKA V.R., US
[72] GARDNER, CHRISTOPHER P., US
[72] BLACKMON, MATTHEW B., US
[72] RODENCAL, CURTIS J., US
[72] MILLIRON, CHARLES E., III, US
[72] VHORA, SAMEER S., US
[72] LANDIS, CHARLES R., US
[72] GANDHI, SANKET, US
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[54] **A REFERENCE ELECTRODE FOR ELECTROCHEMICAL MEASUREMENTS AT HIGH TEMPERATURES**
[54] **ELECTRODE DE REFERENCE POUR MESURES ELECTROCHIMIQUES A HAUTES TEMPERATURES**
[72] GERVASIO, DOMINIC, US
[72] ELSENTRIECY, HASSAN, US
[72] PUGAZHENDHI, PERUMAL, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
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[54] **ELECTRICAL SWITCHING APPARATUS AND CLINCH JOINT ASSEMBLY THEREFOR**
[54] **APPAREIL DE COMMUTATION ELECTRIQUE ET SON ASSEMBLAGE PAR JOINT A RIVER**
[72] WEISTER, NATHAN J., US
[72] RAKUS, PAUL R., US
[72] PRINCE, EDWARD A., US
[72] POLLITT, WILLIAM C., US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **MODULE ELECTRIQUE**
[72] LYON, ZACHARY WOOD, US
[72] WOJTACKI, THOMAS, US
[72] PATTERSON, JEREMY CHRISTIAN, US
[71] TE CONNECTIVITY CORPORATION, US
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[54] **METHODS AND SYSTEMS FOR HEAT PUMPING**
[54] **METHODES ET SYSTEMES DE POMPAGE DE CHALEUR**
[72] CALLEMO, DAVID, SE
[72] THORBURN, JAN, SE
[71] SENS GEOENERGY STORAGE AB, SE
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[54] **FUEL CELL SYSTEM HAVING ENHANCED CO2 CAPTURE**
[54] **SYSTEME DE PILE A COMBUSTIBLE A CAPTURE DE CO2 AMELIOREE**
[72] JAHNKE, FRED C., US
[72] LAMBRECH, MATTHEW, US
[71] FUELCELL ENERGY, INC., US
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[54] **BELTED STRUCTURE WITH TACKIFIER-FREE ADHESIVE**
[54] **STRUCTURE DE CEINTURE A ADHESIF EXEMPT D'AGENT COLLANT**
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[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **DISTRIBUTEUR DE BOISSON A BASE DE MICRO-INGREDIENT**
[72] ZIESEL, LAWRENCE B., US
[71] THE COCA-COLA COMPANY, US
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[54] **SECONDARY COMPUTING DEVICE ASSISTANT**
[54] **ASSISTANT DE DISPOSITIF INFORMATIQUE SECONDAIRE**
[72] ZHA, TIANTIAN, US
[72] KUSCHER, ALEXANDER FRIEDRICH, US
[72] CHEN, JENNIFER SHIEN-MING, US
[72] BALASUBRAMANIAN, SANTHOSH, US
[71] GOOGLE LLC, US
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[54] **SYSTEME DE GESTION DE MODULATION DE PHOTONS POUR LA STIMULATION DE REPONSE SOUHAITEE CHEZ DES OISEAUX**
[72] SUNTYCH, JON DAREN, US
[71] XIANT TECHNOLOGIES, INC., US
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[54] **MATERIALS AND METHODS FOR TREATMENT OF TITIN-BASED MYOPATHIES AND OTHER TITINOPATIES**
[54] **SUBSTANCES ET PROCEDES DE TRAITEMENT DE MYOPATHIES A BASE DE TITINE ET D'AUTRES TITINOPATHIES**
[72] RODINO-KALAPAC, LOUISE, US
[72] POTTER, RACHAEL, US
[71] RESEARCH INSTITUTE OF NATIONWIDE CHILDREN'S HOSPITAL, US
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[54] **SYSTEM AND METHOD FOR TREATMENT OF SPENT CAUSTIC WASTEWATER**
[54] **SYSTEME ET PROCEDE POUR LE TRAITEMENT D'EAUX USEES CAUSTIQUES**
[72] MILOSEVIC, VESELIN, CA
[72] KOSANIC, DRAGO, CA
[72] PALACIO, FERNANDO NARANJO, CA
[71] ENVIROSYSTEMS INC., CA
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[54] **PARTAGE DE CONTENU D'UTILISATEUR PROTEGE ENTRE DISPOSITIFS**
[72] ROBERTS-HOFFMAN, KATIE LEAH, US
[72] MARTIN PEREZ, ALBERTO, US
[71] GOOGLE LLC, US
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[54] **TIRES WITH SEGMENTED TIRE BODIES, EMBEDDED MOUNTING ELEMENTS AND PARTIALLY EMBEDDED CLEATS**
[54] **PNEUS A CORPS DE PNEU SEGMENTES, ELEMENTS DE MONTAGE INTEGRES ET CRAMPONS PARTIELLEMENT INTEGRES**
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[72] VECHINA, JOSE M., CA
[72] BITTNER, ERIC E., CA
[71] 1434822 ALBERTA LTD., CA
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[25] EN
[54] **SYNTHESIZED, SURFACE-FUNCTIONALIZED, ACIDIFIED METAL OXIDE MATERIALS FORENERGY STORAGE, CATALYTIC, PHOTOVOLTAIC, AND SENSOR APPLICATIONS**
[54] **MATERIAUX OXYDES METALLIQUES ACIDIFIES FONCTIONNALISES EN SURFACE SYNTHETISES POUR APPLICATIONS EN STOCKAGE D'ENERGIE, EN CATALYSE, EN PHOTOVOLTAIQUE ET AUX CAPTEURS**
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[72] NEFF, JONATHAN G., US
[71] HHELI, LLC, US
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[72] MAIR, JULIAN, DE
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[72] JAHNKE, FRED C., US
[72] LAMBRECH, MATTHEW, US
[71] FUELCELL ENERGY, INC., US
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[54] **ELEMENT DE TOIT PORTEUR ISOLE PREFABRIQUE ET PROCEDES DE FABRICATION D'ELEMENT DE TOIT**
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[71] THEDUFFUS V/DAVID JOHN DUFFUS, DK
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[30] EP (14193680.7) 2014-11-18
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[25] EN
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[54] **SYSTEME, APPAREIL, ET PROCEDE POUR LA FOURNITURE D'UN BORD ET D'UNE SUPERPOSITION DE RESEAU VIRTUEL AVEC PLAN DE COMMANDE VIRTUEL**
[72] SAAVEDRA, PATRICIO HUMBERTO, CA
[71] TELOIP INC., CA
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[54] **MECANISME D'ENTRAINEMENT POUR UN BROYEUR A CONE A INERTIE**
[72] FREDRIKSSON, MAGNUS, SE
[72] HOLSTEIN, MARTIN, SE
[72] GUNNARSSON, JOHAN, SE
[72] LINDVALL, JONAS, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[25] EN
[54] **HYBRID FLOW BATTERY FOR STORING ELECTRICAL ENERGY AND USE THEREOF**
[54] **BATTERIE A FLUX HYBRIDE POUR STOCKER DE L'ENERGIE ELECTRIQUE ET SON UTILISATION**
[72] HAGER, MARTIN, DE
[72] JANOSCHKA, TOBIAS, DE
[72] SCHUBERT, ULRICH SIGMAR, DE
[72] HAUPLER, BERNHARD, DE
[72] WINSBERG, JAN, DE
[71] FRIEDRICH-SCHILLER-UNIVERSITAT JENA, DE
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[54] **APPAREIL ET METHODES D'OSTREICULTURE**
[72] BOYLE, NORMAN, AU
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[72] MUNSHI, AMMAR A., US
[72] O'CONNOR, KEVEN, US
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[54] **METHODES ET SYSTEMES DE POMPAGE DE CHALEUR**
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[54] **GENERATION D'HYDROGENE ET DE MONOXYDE DE CARBONE A L'AIDE D'UN REP (REFORMEUR-ELECTROLYSEUR-EPURATEUR) PAR OXYDATION PARTIELLE**
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[71] FUELCELL ENERGY, INC., US
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[71] SPARK INNOVATION, LLC, US
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[72] SOMERVILLE-ROBERTS, NIGEL PATRICK, GB
[72] BROOKER, ALAN THOMAS, GB
[72] PICKERING, CARLY, GB
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[54] **SYSTEME DE GENERATION D'AEROSOL ACTIONNE ELECTRIQUEMENT AVEC UNE POMPE A LIQUIDE**
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[72] FAN, JUNFA, US
[72] KALISIAK, JAROSLAW, US
[72] KRASINSKI, ANTONI, US
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[72] MALI, VENKAT, US
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[72] BOYCE, MATTHEW, US
[71] SOUTHWESTERN ENERGY COMPANY, US
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[54] **MODULATEURS DE ROR-GAMMA**
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[72] DILLARD, LAWRENCE WAYNE, US
[72] FAN, YI, US
[72] JIA, LANQI, US
[72] SINGH, SURESH B., US
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[54] **RACCORD PIVOTANT POUR ENSEMBLE DE SUSPENSION DE VEHICULE DU TYPE POIDS-LOURD**
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[54] **MICROCAPSULE COMPRENANT UNE ECORCE DE POLYESTER URETHANE ET UN COEUR EN MATERIAU HYDROPHOBE**
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[72] WITTELER, HELMUT, DE
[72] BRATZ, MATTHIAS, DE
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[54] **APPAREIL ET PROCEDE PERMETTANT DE TRAITER UN TROUBLE NEUROLOGIQUE DU SYSTEME AUDITIF**
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[72] O'NEILL, ROSS, IE
[72] CONLON, BRENDAN, IE
[72] HAMILTON, CAROLINE, IE
[72] D'ARCY, SHONA, IE
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[72] JAGESAR, DHIREDJ CHANDRE, NL
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[72] DIGIANDOMENICO, ANTONIO, US
[72] MCCARTHY, MICHAEL, US
[72] YU, XIANG-QING, US
[72] STOVER, CHARLES K., US
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[71] MEDIMMMUNE LIMITED, GB
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[71] ACADEMISCH ZIEKENHUIS LEIDEN A/U LEIDEN UNIVERSITY MEDICAL CENTER, NL
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[54] **PROCEDE DE TRANSMISSION DE DONNEES**
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[72] PERRIN, BERNARD, CH
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[54] **USE OF RECEPTOR-BINDING DOMAIN DERIVED FROM BOVINE LEUKEMIA VIRUS FOR THE DIAGNOSIS OR TREATMENT OF CATIONIC L-AMINO ACID TRANSPORTER-RELATED DISEASES**
[54] **UTILISATION DE DOMAINE DE LIAISON DE RECEPTEUR DERIVE DU VIRUS DE LA LEUCEMIE BOVINE POUR LE DIAGNOSTIC OU LE TRAITEMENT DE MALADIES ASSOCIES AU TRANSPORTEUR D'ACIDE L-AMINE CATIONIQUE**
[72] IVANOVA, SVILENA, FR
[72] GIOVANNINI, DONATELLA, FR
[72] BELLIS, JULIEN, FR
[72] LEZAAR, JAWIDA, FR
[72] PETIT, VINCENT, FR
[72] BATTINI, JEAN-LUC, FR
[72] SITBON, MARC, FR
[72] COURGNAUD, VALERIE, FR
[71] METAFORA BIOSYSTEMS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
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[54] **PROCEDE DE PREPARATION ECOLOGIQUE DE NANOCELLULOSE ET DE SES DERIVES**
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[72] AFEWERKI, SAMSON, SE
[71] ORGANOFUEL SWEDEN AB, SE
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[54] **PROCEDES PERMETTANT D'OBTENIR ET DE CORRIGER DES INFORMATIONS DE SEQUENCES BIOLOGIQUES**
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[72] DUAN, HAIFENG, CN
[72] KANG, LI, CN
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[71] PEKING UNIVERSITY, CN
[71] CYGNUS BIOSCIENCES (BEIJING) CO. LTD., CN
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[54] **METHOD OF TAGGING A SUBSTRATE**
[54] **PROCEDE DE MARQUAGE D'UN SUBSTRAT**
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[72] HUNZIKER, PHILIPP, US
[72] GANE, PATRICK A.C., CH
[71] OMYA INTERNATIONAL AG, CH
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[72] AITKEN, MICHAEL, US
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[54] **ANTIBIOTIQUES MACROCYCLIQUES A LARGE SPECTRE**
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[72] ROBERTS, TUCKER CURRAN, US
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[72] PARASELLI, PRASUNA, US
[72] KOEHLER, MICHAEL F. T., US
[72] SCHWARZ, JACOB BRADLEY, US
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[54] **MACHINE ET PROCEDE DE MISE EN FORME D'ARTICLES TRICOTES TUBULAIRES**
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[72] SCARPELLI, ALESSANDRO, IT
[72] SALVADORI, STEFANO, IT
[72] RUSTIONI, MIRKO, IT
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[54] **MOUSSES DURES DE PUR/PIR A PARTIR D'OLIGOESTERS DE POLYADDITION**
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[72] HAGEN, TORSTEN, DE
[72] LORENZ, KLAUS, DE
[72] ABELS, RENE, DE
[71] COVESTRO DEUTSCHLAND AG, DE
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[54] **TETE DE SUPPORT, SUPPORT DE PLAFOND ET COFFRAGE DE PLAFOND COMPORTANT UN TEL SUPPORT DE PLAFOND**
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[54] **SYSTEMES ET PROCEDES DE COORDINATION D'ACTIVITES EN LIGNE AVEC LA TELEVISION DIFFUSEE**
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[72] SUBASINGHE, UDITHA PRIYANKARA, CA
[71] TMT LAB INC., CA
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[54] **CONVERTISSEUR ANALOGIQUE/NUMERIQUE A APPROXIMATIONS SUCCESSIVES ASYNCHRONE ET PROCEDES ET APPAREILS ASSOCIES**
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[72] RALSTON, TYLER S., US
[71] BUTTERFLY NETWORK, INC., US
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[72] HENKES, HANS, DE
[72] HANNES, RALF, DE
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[54] **SYSTEME ET PROCEDE DE VISUALISATION ET DE SIMULATION DE STRUCTURES DE CONNAISSANCES DU PERSONNEL DANS UNE ENTREPRISE**
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[72] LUTZ, CHRISTIAN, DE
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[54] **PIECE DE COFFRAGE ET COFFRAGE DE DALLES COMPRENANT UNE TELLE PIECE DE COFFRAGE**
[72] SCHNEIDER, WERNER, DE
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[54] **MODULE D'INFUSION, MODULE D'IDENTIFICATION DE CAPSULE ET MACHINE DE PREPARATION DE BOISSON**
[72] ZWICKER, DOMINIC, CH
[72] FOSCAN, CLAUDIO, CH
[71] QBO COFFEE GMBH, CH
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[71] CERUS ENDOVASCULAR LIMITED, GB
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[54] **SYSTEME A MOTEUR DE PRODUCTION D'AEROSOL**
[72] BATISTA, RUI NUNO, CH
[72] MAZUR, BEN, GB
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **PREPARATION DE MAGNETITE A PARTIR DE CHLORURE FERREUX APRES ELIMINATION DU SULFATE PAR ECHANGE D'IONS**
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[72] TURNER, CARL W., CA
[72] QIAN, JING, CA
[71] ATOMIC ENERGY OF CANADA LIMITED / ENERGIE ATOMIQUE DU CANADA LIMITEE, CA
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[72] WILSON, NATHAN, GB
[72] SECK, GERHARD, DE
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[54] **UN APPAREIL ET UN PROCEDE PERMETTANT DE TRAITER UN TROUBLE NEUROLOGIQUE DU SYSTEME AUDITIF**
[72] HUGHES, STEPHEN, IE
[72] O'NEILL, ROSS, IE
[72] CONLON, BRENDAN, IE
[72] HAMILTON, CAROLINE, IE
[72] D'ARCY, SHONA, IE
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[54] **PROCEDE ET DISPOSITIF DE REGULATION DE DEBIT**
[72] FARIS, ADAM, SE
[72] ASPLUND, JOHAN, SE
[72] ESALA, JUHA, SE
[72] AMCOFF, LOVE, SE
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[54] **PROCEDE DE PREPARATION DE COMPOSITIONS STERILISEES D'ACIDES NUCLEIQUES EXTRACELLULAIRES**
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[72] ULLIUS, ANDREA, DE
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[54] **PROCEDES DE PREDICTION DE LA REPONSE A UNE THERAPIE ANTI-TNF**
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[72] MOOTS, ROBERT JOHN, GB
[72] EDWARDS, STEVEN WILLIAM, GB
[71] THE UNIVERSITY OF LIVERPOOL, GB
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[54] **ANTICORPS HUMAINS CANINISES DIRIGES CONTRE L'IL-4R ALPHA HUMAINE ET CANINE**
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[54] **CENTRALE NUCLEAIRE ET PROCEDE DE FONCTIONNEMENT D'UNE CENTRALE NUCLAIRE**
[72] STELLWAG, BERNHARD, DE
[72] FANDRICH, JORG, DE
[71] FRAMATOME GMBH, DE
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[54] **APPAREILS, SYSTEMES ET PROCEDES POUR LA PURIFICATION D'UN FLUIDE AVEC UNE MEMBRANE DE CARBURE DE SILICIUM**
[72] POWELL, ANTHONY L., CA
[72] BUTTERS, BRIAN E., CA
[71] 1934612 ONTARIO INC., CA
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[54] **SEPARATION DE COMPOSES ORGANIQUES INSATURES**
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[72] BUEKENHOUDT, ANITA, BE
[72] DORBEC, MATTHIEU, BE
[72] PORTO-CARRERO, WIM, BE
[71] VITO NV, BE
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[54] **DISPOSITIF DE CONDITIONNEMENT THERMIQUE POUR UN SYSTEME D'INJECTION**
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[72] PAWELCZYK, NICOLAS, CH
[71] BRACCO INJENEERING SA, CH
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[54] **METHOD OF OPERATING AN INJECTION SYSTEM**
[54] **PROCEDE DE FONCTIONNEMENT D'UN SYSTEME D'INJECTION**
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[71] BRACCO INJENEERING SA, CH
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[54] **METHODE ET SYSTEME DE REACTION ACCELEREE DE NOIRCISSEMENT DU DISPOSITIF OPTIQUE D'UN EQUIPEMENT DE PROTECTION PERSONNELLE**
[72] PAPP, ROBERT, SK
[72] LIPTAK, KRISTIAN, SK
[72] LAUKO, ROBERT, SK
[71] TRAFIMET GROUP S.P.A., IT
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[54] **NAVIGATION, TRACKING AND GUIDING SYSTEM FOR THE POSITIONING OF OPERATORY INSTRUMENTS WITHIN THE BODY OF A PATIENT**
[54] **SYSTEME DE NAVIGATION, DE LOCALISATION ET DE GUIDAGE DESTINE AU POSITIONNEMENT D'INSTRUMENTS OPERATOIRES A L'INTERIEUR DU CORPS D'UN PATIENT**
[72] ROTILIO, ALESSANDRO, IT
[72] SOLBIATI, MARCO, IT
[72] MIRABILE, MAURIZIO, IT
[72] ZENI, LUIGI, IT
[71] R.A.W. S.R.L., IT
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[54] **SOUS-COUCHE AVEC ISOLATION THERMIQUE**
[72] GROFT, CORY L., US
[72] DAUBER, THOMAS W., US
[72] WRIGHT, THOMAS E., US
[71] ENVIRONMENTALLY SAFE PRODUCTS, INC., US
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[86] 2015-11-16 (PCT/US2015/060915)
[87] (WO2017/086917)

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[13] A1
[51] **Int.Cl. A01N 57/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF KINASE INHIBITORS AND INTERMEDIATES THEREOF**
[54] **PROCEDE DE PREPARATION D'INHIBITEURS DE KINASE ET DE LEURS INTERMEDIAIRES**
[72] STURDIVANT, JILL M., US
[72] DELONG, MITCHELL A., US
[72] CHAMBOURNIER, GILLES, US
[72] PAMMENT, MICHAEL G., US
[72] FEDIJ, VICTOR, US
[71] AERIE PHARMACEUTICALS, INC., US
[85] 2018-05-16
[86] 2015-11-17 (PCT/US2015/061177)
[87] (WO2017/086941)

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[13] A1
[51] **Int.Cl. C09K 8/506 (2006.01) C09K 8/44 (2006.01)**
[25] EN
[54] **SILANE-BASED TACKIFIERS FOR TREATMENT OF SUBTERRANEAN FORMATIONS**
[54] **TACKIFIANTS A BASE DE SILANE POUR LE TRAITEMENT DE FORMATIONS SOUTERRAINES**
[72] DANDAWATE, MONICA RAJENDRA, IN
[72] CHITTATTUKARA, SHOY GEORGE, IN
[72] SALLA, RAJENDER, IN
[72] NGUYEN, PHILIP D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-05-16
[86] 2015-12-31 (PCT/US2015/068282)
[87] (WO2017/116467)

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[13] A1
[51] **Int.Cl. B60R 22/32 (2006.01) B26B 27/00 (2006.01)**
[25] EN
[54] **SEAT BELT CUTTING DEVICE**
[54] **DISPOSITIF DE COUPE DE CEINTURE DE SECURITE**
[72] DI PIETRO, GIOVANNI, PT
[71] DI PIETRO, GIOVANNI, PT
[85] 2018-05-17
[86] 2016-12-30 (PCT/IB2016/058113)
[87] (WO2017/122079)
[30] PT (109083) 2016-01-13

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[51] **Int.Cl. G10L 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MULTI-LANGUAGE COMMUNICATION SEQUENCING**
[54] **SYSTEME ET PROCEDE DE SEQUENCAGE DE COMMUNICATION MULTILINGUE**
[72] BAUER, SCOTT P., US
[72] ULLYOT, JAMES R., US
[71] INTERACTIVE INTELLIGENCE GROUP, INC., US
[85] 2018-05-17
[86] 2015-10-15 (PCT/US2015/055686)
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[13] A1
[51] **Int.Cl. B23C 5/10 (2006.01)**
[25] EN
[54] **CEMENTED CARBIDE CORNER RADIUS END MILL WITH CONTINUOUSLY CURVED RAKE RIDGE AND HELICAL FLUTE DESIGN**
[54] **FRAISE EN BOUT A RAYON DE BEC AU CARBURE CIMENTE AVEC CONCEPTION D'ARETE D'ANGLE D'INCLINAISON INCURVEE EN CONTINU ET CANNELURE HELICOIDALE**
[72] SHPIGELMAN, LEONID, IL
[71] ISCAR LTD., IL
[85] 2018-05-17
[86] 2016-10-26 (PCT/IL2016/051152)
[87] (WO2017/098021)
[30] US (14/948,712) 2015-11-23

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[51] **Int.Cl. B23C 5/06 (2006.01) B23C 5/02 (2006.01)**
[25] EN
[54] **TRIANGULAR TANGENTIAL MILLING INSERT AND MILLING TOOL**
[54] **PLAQUETTE DE FRAISAGE TANGENTIEL TRIANGULAIRE ET OUTIL DE FRAISAGE**
[72] DAGAN, DANIEL, IL
[71] ISCAR LTD., IL
[85] 2018-05-17
[86] 2016-10-30 (PCT/IL2016/051170)
[87] (WO2017/085711)
[30] US (14/945,486) 2015-11-19

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[13] A1
[51] **Int.Cl. G06T 19/00 (2011.01)**
[25] EN
[54] **THREE-DIMENSIONAL DATA ENCODING METHOD, THREE-DIMENSIONAL DATE DECODING METHOD, THREE-DIMENSIONAL DATA ENCODING DEVICE, AND THREE-DIMENSIONAL DATA DECODING DEVICE**
[54] **PROCEDE DE CODAGE DE DONNEES TRIDIMENSIONNELLES, PROCEDE DE DECODAGE DE DONNEES TRIDIMENSIONNELLES, DISPOSITIF DE CODAGE DE DONNEES TRIDIMENSIONNELLES, ET DISPOSITIF DE DECODAGE DE DONNEES TRIDIMENSIONNELLES**
[72] TOMA, TADAMASA, JP
[72] NISHI, TAKAHIRO, JP
[72] TERADA, KENGO, JP
[72] KOASHI, YUI, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2018-05-17
[86] 2016-12-01 (PCT/JP2016/005041)
[87] (WO2017/104115)
[30] US (62/266,914) 2015-12-14
[30] JP (2016-225504) 2016-11-18

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[51] **Int.Cl. A61K 49/00 (2006.01) A61K 31/136 (2006.01) A61P 27/02 (2006.01) C09B 11/12 (2006.01)**
[25] EN
[54] **TRIARYL METHIANE COMPOSITION, DYE COMPOSITION FOR OCULAR MEMBRANE DYEING**
[54] **COMPOSITION DE TRIARYLMETHIANE, COMPOSITION TINCTORIALE POUR COLORATION DE MEMBRANE OCULAIRE**
[72] TAKAHAGI, MAKOTO, JP
[72] HAGA, NOBUHIRO, JP
[72] INOUE, ATSUSHI, JP
[71] D. WESTERN THERAPEUTICS INSTITUTE, INC., JP
[85] 2018-05-17
[86] 2016-10-20 (PCT/JP2016/081173)
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[30] JP (2015-231303) 2015-11-27

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[51] **Int.Cl. A01N 43/78 (2006.01) A01N 37/46 (2006.01) A01N 43/80 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **PLANT DISEASE CONTROL COMPOSITION, AND PLANT DISEASE CONTROL METHOD**
[54] **COMPOSITION DE LUTTE CONTRE UNE MALADIE DE PLANTE ET PROCEDE DE LUTTE CONTRE UNE MALADIE DE PLANTE**
[72] INOUE, TAKUYA, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2018-05-17
[86] 2016-11-24 (PCT/JP2016/084739)
[87] (WO2017/094576)
[30] JP (2015-234484) 2015-12-01

[21] **3,005,716**
[13] A1
[51] **Int.Cl. H04N 5/932 (2006.01)**
[25] EN
[54] **VIDEO AND MOTION EVENT INTEGRATION SYSTEM**
[54] **SYSTEME D'INTEGRATION DE VIDEO ET D'EVENEMENT DE MOUVEMENT**
[72] BENTLEY, MICHAEL, US
[72] KAPS, RYAN, US
[72] DOSE, BHASKAR, US
[71] BLAST MOTION INC., US
[85] 2018-05-17
[86] 2015-11-19 (PCT/US2015/061695)
[87] (WO2016/081778)
[30] US (14/549,422) 2014-11-20

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[13] A1
[51] **Int.Cl. H02M 3/137 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **WIDE-INPUT-RANGE DOWNHOLE POWER SUPPLY**
[54] **ALIMENTATION EN COURANT DE FOND DE TROU, A LARGE GAMME D'ENTREE**
[72] CHU, JIANYING, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-05-17
[86] 2016-02-17 (PCT/US2016/018203)
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[13] A1
[51] **Int.Cl. C08K 9/06 (2006.01) C08K 9/04 (2006.01)**
[25] EN
[54] **FLAME RETARDANT COMPOUND INCLUDING HOST-GUEST COMPLEX**
[54] **COMPOSE IGNIFUGE CONTENANT UN COMPLEXE HOTE-INVITE**
[72] JIANG, DAYUE, US
[72] LANGFELD, KIRSTEN, DE
[72] WILLIAMSON, BRANDON ROBERT, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2018-05-17
[86] 2016-10-19 (PCT/US2016/057623)
[87] (WO2017/087115)
[30] US (62/256,890) 2015-11-18

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[51] **Int.Cl. G05F 1/66 (2006.01) H02J 1/04 (2006.01) H02J 3/46 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **POWER MANAGER WITH RECONFIGURABLE POWER CONVERTING CIRCUITS**
[54] **GESTIONNAIRE DE PUISSANCE A CIRCUITS DE CONVERSION DE PUISSANCE RECONFIGURABLES**
[72] LONG, DAVID, US
[72] PIELA, NICHOLAS, US
[71] PROTONEX TECHNOLOGY CORPORATION, US
[71] LONG, DAVID, US
[71] PIELA, NICHOLAS, US
[85] 2018-05-17
[86] 2016-10-26 (PCT/US2016/058922)
[87] (WO2017/087130)
[30] US (62/257,995) 2015-11-20

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[13] A1
[51] **Int.Cl. B23B 27/14 (2006.01) C01B 32/25 (2017.01) B01J 23/75 (2006.01) B22F 3/10 (2006.01) B22F 7/00 (2006.01) B22F 7/06 (2006.01) B23B 27/18 (2006.01) B23B 27/20 (2006.01) C22C 1/05 (2006.01) C22C 29/08 (2006.01)**
[25] EN
[54] **POLYCRYSTALLINE DIAMOND SINTERED MATERIAL TOOL EXCELLENT IN INTERFACIAL BONDING STRENGTH AND METHOD OF PRODUCING SAME**
[54] **OUTIL COMPACT FRITTE EN DIAMANT POLYCRISTALLIN AYANT UNE FORCE DE JONCTION D'INTERFACE EXCEPTIONNELLE ET PROCEDE DE FABRICATION DUDIT OUTIL**
[72] MATSUO, TOSHIHIKO, JP
[72] AKIMADI EKO, WARDOYO, JP
[72] AKAISHI, MINORU, JP
[71] MITSUBISHI MATERIALS CORPORATION, JP
[85] 2018-05-17
[86] 2016-11-21 (PCT/JP2016/084440)
[87] (WO2017/086485)
[30] JP (2015-226537) 2015-11-19

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[13] A1
[51] **Int.Cl. B65D 47/08 (2006.01) C08L 23/04 (2006.01)**
[25] EN
[54] **POLYETHYLENE COMPOSITIONS HAVING LIVING HINGE PROPERTIES**
[54] **COMPOSITIONS DE POLYETHYLENE PRESENTANT DES PROPRIETES DE CHARNIERE VIVANTE**
[72] LIN, YIJIAN, US
[72] HOGAN, TODD A., US
[72] MARKOVICH, RONALD P., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-05-17
[86] 2016-10-27 (PCT/US2016/058971)
[87] (WO2017/087131)
[30] US (62/257,283) 2015-11-19

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[13] A1
[51] **Int.Cl. E01F 9/524 (2016.01) B32B 27/00 (2006.01) G02B 5/122 (2006.01)**
[25] EN
[54] **RETROREFLECTIVE TRAFFIC SIGN AND PROCESS AND APPARATUS FOR MANUFACTURING SAME**
[54] **PANNEAU DE SIGNALISATION RETROREFLECHISSANT ET PROCEDE ET APPAREIL POUR SA FABRICATION**
[72] PRICONE, ROBERT M., US
[71] 3OX TECHNOLOGY LLC, US
[85] 2018-05-17
[86] 2016-11-03 (PCT/US2016/060259)
[87] (WO2017/079392)
[30] US (62/251,893) 2015-11-06

[21] **3,005,723**
[13] A1
[51] **Int.Cl. A01N 43/90 (2006.01) C07D 491/00 (2006.01)**
[25] EN
[54] **TREATMENT OF AUTOIMMUNE DISEASE**
[54] **TRAITEMENT DE MALADIE AUTO-IMMUNE**
[72] NIESMAN, MICHAEL, US
[72] ZHANG, KAI, US
[71] MINOSHIELD PHARMACEUTICALS, INC., US
[85] 2018-05-17
[86] 2016-11-14 (PCT/US2016/061824)
[87] (WO2017/087318)
[30] US (62/258,190) 2015-11-20

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[13] A1
[51] **Int.Cl. A61K 8/89 (2006.01) A61K 8/11 (2006.01) A61K 8/81 (2006.01) A61Q 1/10 (2006.01)**
[25] EN
[54] **MASCARA COMPOSITION AND METHOD**
[54] **COMPOSITION DE MASCARA ET PROCEDE ASSOCIE**
[72] LEE, WILSON A., US
[71] ELC MANAGEMENT LLC, US
[85] 2018-05-16
[86] 2016-11-17 (PCT/US2016/062611)
[87] (WO2017/087722)
[30] US (62/256,301) 2015-11-17

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[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/423 (2006.01) A61K 31/428 (2006.01) A61K 31/4355 (2006.01) A61K 31/4985 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) C07D 263/57 (2006.01) C07D 413/10 (2006.01) C07D 413/12 (2006.01) C07D 417/10 (2006.01) C07D 491/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS AS IMMUNOMODULATORS**
[54] **COMPOSES HETEROCYCLIQUES UTILISES COMME IMMUNOMODULATEURS**
[72] LI, JINGWEI, US
[72] WU, LIANGXING, US
[72] YAO, WENQING, US
[71] INCYTE CORPORATION, US
[85] 2018-05-16
[86] 2016-11-18 (PCT/US2016/062730)
[87] (WO2017/087777)
[30] US (62/257,342) 2015-11-19
[30] US (62/332,632) 2016-05-06
[30] US (62/385,099) 2016-09-08

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[13] A1
[51] **Int.Cl. H01L 31/0288 (2006.01) H01L 21/02 (2006.01) H01L 31/0216 (2014.01) H01L 31/0392 (2006.01) H01L 31/18 (2006.01)**
[25] EN
[54] **SOLAR CELL AND METHOD FOR PREPARING SAME**
[54] **PHOTOPILE ET SON PROCEDE DE PREPARATION**
[72] JUN, YOUNG-KWON, KR
[71] JUN, YOUNG-KWON, KR
[85] 2018-05-17
[86] 2017-02-20 (PCT/KR2017/001840)
[87] (WO2017/142380)
[30] KR (10-2016-0019191) 2016-02-18

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[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61F 2/00 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **APPLICATOR INSTRUMENTS FOR DISPENSING SURGICAL FASTENERS HAVING ARTICULATING SHAFTS AND ARTICULATION CONTROL ELEMENTS**
[54] **INSTRUMENTS APPLICATEURS PERMETTANT LA DISTRIBUTION D'AGRAFES CHIRURGICALES DOTES DE TIGES ARTICULEES ET D'ELEMENTS DE COMMANDE D'ARTICULATION**
[72] CARDINALE, MICHAEL, US
[72] FERREIRA, DANIAL PAUL, US
[72] SOULS, DOUG, US
[72] COHN, SIMON, US
[72] GUO, JIANXIN, US
[71] ETHICON, INC., US
[85] 2018-05-17
[86] 2016-11-09 (PCT/US2016/061091)
[87] (WO2017/087226)
[30] US (14/943,165) 2015-11-17

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[13] A1
[51] **Int.Cl. A61K 31/541 (2006.01) C07D 471/14 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY OF TETRACYCLIC QUINOLONE ANALOGS FOR TREATING CANCER**
[54] **POLYTHERAPIE COMPRENANT DES ANALOGUES DE LA QUINOLONE TETRACYCLIQUE POUR LE TRAITEMENT DU CANCER**
[72] SOONG, JOHN, US
[71] SENHWA BIOSCIENCES, INC., TW
[85] 2018-05-17
[86] 2016-11-09 (PCT/US2016/061176)
[87] (WO2017/087235)
[30] US (62/258,211) 2015-11-20

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[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **IMPROVED REINFORCEMENT SYSTEM FOR A TOOL ADAPTER**
[54] **SYSTEME DE RENFORCEMENT AMELIORE POUR UN ADAPTATEUR D'OUTIL**
[72] CAMPOMANES, PATRICK SIMON, US
[71] CATERPILLAR INC., US
[85] 2018-05-17
[86] 2016-11-11 (PCT/US2016/061559)
[87] (WO2017/087273)
[30] US (14/945,532) 2015-11-19

[21] **3,005,732**
[13] A1
[51] **Int.Cl. G06Q 20/20 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **NETWORK BRIDGE FOR LOCAL TRANSACTION AUTHORIZATION**
[54] **PONT ENTRE RESEAUX POUR AUTORISATION DE TRANSACTION LOCALE**
[72] ORROCK, ANDREW, US
[72] VIELEHR, DAVID, US
[71] E2INTERACTIVE, INC. D/B/A E2INTERACTIVE, INC., US
[85] 2018-05-17
[86] 2016-11-14 (PCT/US2016/061930)
[87] (WO2017/087335)
[30] US (14/944,319) 2015-11-18

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[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01)**
[25] EN
[54] **PREDICTING RADIO FREQUENCY INTERFERENCE EVENTS**
[54] **PREDICTION D'EVENEMENTS DE BROUILLAGE DE FREQUENCES RADIO**
[72] KANNER, LAURREN, US
[72] SCHEFFLER, CRAIG RAYDEAN, US
[71] PLANET LABS, INC., US
[85] 2018-05-17
[86] 2016-11-15 (PCT/US2016/062009)
[87] (WO2017/087372)
[30] US (14/945,836) 2015-11-19

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[13] A1
[51] **Int.Cl. C08L 67/04 (2006.01) C08G 63/08 (2006.01) C09J 129/10 (2006.01)**
[25] EN
[54] **POLYMER COMPOSITIONS AND HOT-MELT ADHESIVES FORMED THEREFROM**
[54] **COMPOSITIONS POLYMERES ET ADHESIFS THERMOFUSIBLES FORMES A PARTIR DE CELLE-CI**
[72] HAYES, PATRICK, US
[72] CARRAWAY, DANIEL, US
[72] WANN, STEVEN, US
[72] ARNOLD, RACHELLE, US
[72] GRUBBS, JOSEPH, US
[71] HENKEL IP & HOLDING GMBH, DE
[71] DANIMER BIOPLASTICS, INC., US
[85] 2018-05-17
[86] 2016-11-16 (PCT/US2016/062192)
[87] (WO2017/087465)
[30] US (62/257,318) 2015-11-19

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01) G06Q 50/28 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF CONTROLLING DELIVERY OF PRODUCTS**
[54] **SYSTEMES ET PROCEDES POUR MAITRISER LA DISTRIBUTION DE PRODUITS**
[72] PANDEY, SUBODH K., US
[72] BARVE, SUYOG, US
[72] TRIPATHI, SWATI, US
[71] WALMART APOLLO, LLC, US
[85] 2018-05-17
[86] 2016-11-16 (PCT/US2016/062205)
[87] (WO2017/087471)
[30] US (62/258,315) 2015-11-20

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[13] A1
[51] **Int.Cl. G06T 5/00 (2006.01) G06T 5/50 (2006.01)**
[25] EN
[54] **GENERATING HIGH-DYNAMIC RANGE IMAGES USING MULTIPLE FILTERS**
[54] **GENERATION D'IMAGES A GRANDE GAMME DYNAMIQUE A L'AIDE DE MULTIPLES FILTRES**
[72] ROBERTSON, MARK ALLEN, US
[72] KRYDA, KEN JAMES, US
[71] PLANET LABS, INC., US
[85] 2018-05-17
[86] 2016-11-17 (PCT/US2016/062409)
[87] (WO2017/087601)
[30] US (14/945,927) 2015-11-19

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[13] A1
[51] **Int.Cl. A61K 31/407 (2006.01) A61K 31/404 (2006.01) A61K 31/5377 (2006.01)**
[25] EN
[54] **INHIBITORS OF CXCR2**
[54] **INHIBITEURS DE CXCR2**
[72] CHEN, XI, US
[72] DRAGOLI, DEAN R., US
[72] FAN, JUNFA, US
[72] KALISIAK, JAROSLAW, US
[72] LELETI, MANMOHAN REDDY, US
[72] MALATHONG, VIENGKHAM, US
[72] MCMAHON, JEFFREY, US
[72] TANKAKA, HIROKO, US
[72] YANG, JU, US
[72] YU, CHAO, US
[72] ZHANG, PENGLIE, US
[72] MALI, VENKAT, US
[71] CHEMOCENTRYX, INC., US
[85] 2018-05-17
[86] 2016-11-17 (PCT/US2016/062427)
[87] (WO2017/087610)
[30] US (62/257,529) 2015-11-19

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[13] A1
[51] **Int.Cl. A01N 43/647 (2006.01) A01N 43/653 (2006.01) A01N 43/707 (2006.01) C07D 249/02 (2006.01) C07D 249/08 (2006.01) C07D 249/12 (2006.01)**
[25] EN
[54] **4-((6-(2-(2,4-DIFLUOROPHENYL)-1,1-DIFLUORO-2-HYDROXY-3-(1H-1,2,4-TRIAZOL-1-YL)PROPYL)PYRIDIN-3-YL)OXY)BENZONITRILE AND PROCESSES OF PREPARATION**
[54] **4-((6-(2,4-DIFLUOROPHENYL)-1,1-DIFLUORO-2-HYDROXY-3-(1H-1,2,4-TRIAZOL-1-YL)PROPYL)PYRIDIN-3-YL)OXY)BENZONITRILE ET PROCEDES DE PREPARATION**
[72] YANG, QIANG, US
[72] KNUEPPEL, DANIEL, US
[72] SULLENBERGER, MICHAEL T., US
[72] HAO, YAN, US
[72] RYAN, SARAH, US
[72] PATZNER, JEROD, US
[72] WHITEKER, GREGORY, US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-05-17
[86] 2016-11-17 (PCT/US2016/062447)
[87] (WO2017/087619)
[30] US (62/256,486) 2015-11-17

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[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01) C12N 5/071 (2010.01) C12N 5/074 (2010.01) C12N 7/02 (2006.01)**
[25] EN
[54] **T7 ALPHA VIRAL VECTOR SYSTEM**
[54] **SYSTEME DE VECTEUR VIRAL ALPHA T7**
[72] WAGNER, THOMAS E., US
[71] ORBIS HEALTH SOLUTIONS LLC, US
[85] 2018-05-17
[86] 2016-11-18 (PCT/US2016/062703)
[87] (WO2017/087763)
[30] US (62/256,788) 2015-11-18

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[13] A1
[51] **Int.Cl. H03G 3/30 (2006.01) H03F 3/45 (2006.01) H03H 11/12 (2006.01)**
[25] EN
[54] **HIGH LINEARLY WIGIG BASEBAND AMPLIFIER WITH CHANNEL SELECT FILTER**
[54] **AMPLIFICATEUR EN BANDE DE BASE WIGIG A HAUTE LINEARITE A FILTRE DE SELECTION DE CANAL**
[72] SOE, ZAW, US
[72] JING, KEVIN, US
[72] GAO, STEVE, US
[71] TENSORCOM, INC., US
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[54] **COMPOUNDS AND COMPOSITIONS USEFUL FOR TREATING DISORDERS RELATED TO NTRK**
[54] **COMPOSES ET COMPOSITIONS UTILES POUR TRAITER DES TROUBLES ASSOCIES AU GENE NTRK**
[72] WENGLOWSKY, STEVEN MARK, US
[72] MIDUTURU, CHANDRASEKHAR V., US
[72] BIFULCO, NEIL, JR., US
[72] KIM, JOSEPH L., US
[71] BLUEPRINT MEDICINES CORPORATION, US
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[54] **PROCESSES FOR ADDITIVELY MANUFACTURING ORTHOPEDIC IMPLANTS**
[54] **PROCEDES DE FABRICATION ADDITIVE D'IMPLANTS ORTHOPEDIQUES**
[72] GALLAGHER, MICHELLE B., US
[72] SCHNEIDER, JENNIFER M., US
[72] BERG, MARK E., US
[71] TITAN SPINE, LLC, US
[85] 2018-05-17
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[54] **4-((6-(2-(2,4-DIFLUOROPHENYL)-1,1-DIFLUORO-2-HYDROXY-3-(1H-1,2,4-TRIAZOL-1-YL)PROPYL)PYRIDIN-3-YL)OXY)BENZONITRILE AND PROCESSES OF PREPARATION**
[54] **4-((6-(2,4-DIFLUOROPHENYL)-1,1-DIFLUORO-2-HYDROXY-3-(1H-1,2,4-TRIAZOL-1-YL)PROPYL)PYRIDINE-3-YL)OXY)BENZONITRILE ET PROCEDES DE PREPARATION**
[72] HAO, YAN, US
[72] YANG, QIANG, US
[72] RYAN, SARAH, US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-05-17
[86] 2016-11-17 (PCT/US2016/062398)
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[54] **4-((6-(2-(2,4-DIFLUOROPHENYL)-1,1-DIFLUORO-2-OXOETHYL)PYRIDIN-3-YL)OXY)BENZONITRILE AND PROCESSES OF PREPARATION**
[54] **4-((6-2-(2,4-DIFLUOROPHENYL)-1,1-DIFLUORO-2-YL) PROPYL)PYRIDIN-3-YL)OXY)BENZONITRILE ET LEURS PROCEDES DE PREPARATION**
[72] YANG, QIANG, US
[72] HAO, YAN, US
[72] RYAN, SARAH, US
[72] WHITEKER, GREGORY, US
[71] DOW AGROSCIENCES LLC, US
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[54] **SPRAY TOOL POWER SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE D'OUTIL DE PULVERISATION**
[72] BALTZ, JAMES PAUL, US
[72] SWANSON, TAIT RUSSELL, US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2018-05-17
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[54] **ADAPTIVE LOCATION BRANDING**
[54] **MARQUAGE ADAPTATIF D'EMPLACEMENT**
[72] BOLTON, JEFF MICHAEL, US
[72] WOLFSTON, JAMES H., US
[71] COLLEGENET, INC., US
[85] 2018-05-17
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[54] **GENERATING HIGH-DYNAMIC RANGE IMAGES USING VARYING EXPOSURES**
[54] **GENERATION D'IMAGES A PLAGE DYNAMIQUE ELEVEE AU MOYEN DE DIVERSES EXPOSITIONS**
[72] ROBERTSON, MARK ALLEN, US
[72] KRYDA, KEN JAMES, US
[71] PLANET LABS, INC., US
[85] 2018-05-17
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[54] **COUPLING SEAL HAVING RAMP SURFACES**
[54] **JOINT D'ETANCHEITE DE COUPLAGE AYANT DES SURFACES EN RAMPE**
[72] PARK, YANG BAE, US
[71] VICTAULIC COMPANY, US
[85] 2018-05-17
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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
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[54] **ANTI-PD-1 ANTIBODIES AND THERAPEUTIC USES THEREOF**
[54] **ANTICORPS ANTI-PD-1 ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] WANG, JIEYI, US
[72] DONG, LIQUN, US
[72] WANG, YAOLIN, US
[71] LYVGEN BIOPHARMA HOLDINGS LIMITED, KY
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[54] **THIENO-PYRIMIDINE DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE THIENO-PYRIMIDINE ET UTILISATIONS DE CEUX-CI**
[72] ZHAI, HAIXIAO, US
[72] WU, FAN, US
[71] ZHEJIANG JIANFENG-YIEN BIOTECHNOLOGY CO., LTD., CN
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[54] **SUTURE DEPLOYMENT OF PROSTHETIC HEART VALVE**
[54] **DEPLOIEMENT DE SUTURE DE VALVULE CARDIAQUE PROTHETIQUE**
[72] CHANG, ARVIN T., US
[72] NEUMANN, YAIR A., US
[72] SENESH, GIL, US
[72] ALTMAN, HERNAN, IL
[72] POOL, SCOTT LOUIS, US
[72] GIBSON, HANNAH, US
[72] ANDERSON, AMANDA K., US
[72] TRAN, PETER PHONG, US
[72] PHAN, LY TH, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **METHOD OF MANUFACTURING DUAL-SPECIFIC T-CELLS FOR USE IN CANCER IMMUNOTHERAPY**
[54] **PROCEDE DE PRODUCTION DE CELLULES T BI-SPECIFIQUES POUR UNE UTILISATION EN IMMUNOTHERAPIE ANTICANCEREUSE**
[72] CUI, WEIGUO, US
[71] BLOODCENTER RESEARCH FOUNDATION, US
[85] 2018-05-17
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[54] **HOMOTAURINE-ENRICHED COMPOSITIONS AND METHODS OF USE FOR ANIMAL HEALTH**
[54] **COMPOSITION ENRICHIE EN HOMOTAURINE ET PROCEDES D'UTILISATION EN SANTE ANIMALE**
[72] BELLINI, FRANCESCO, CA
[72] HEBERT, LISE, CA
[72] SPATERNA, ANDREA, IT
[72] MARCHETTI, MARCO, IT
[71] FB HEALTH S.P.A., IT
[71] BELLINI, FRANCESCO, CA
[85] 2018-05-18
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[54] **ELECTRONIC MEDICAL RECORD INTEGRATION**
[54] **INTEGRATION DE DOSSIER MEDICAL ELECTRONIQUE**
[72] OROSCO, JOHN, US
[72] PIEROTTI, JEREMY E., US
[72] SANSOM, DAVID, US
[71] SANSORO HEALTH, LLC, US
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[54] **PORTABLE OCULAR RESPONSE TESTING DEVICE AND METHODS OF USE**
[54] **DISPOSITIF PORTATIF DE TEST DE REPONSE OCULAIRE ET PROCEDES D'UTILISATION**
[72] ROSHAN, YASER MOHAMMADIAN, CA
[72] VEJDANI, AMIRHOSSEIN, CA
[72] HAMIDI, FARZAD, CA
[72] KOHAN, EHSAN DANESHI, CA
[72] RASHIDI, YOUNES, CA
[71] OPHTHALIGHT DIGITAL SOLUTIONS INC., CA
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[25] EN
[54] **PROCESSES FOR ADDITIVELY MANUFACTURING ORTHOPEDIC IMPLANTS**
[54] **PROCEDES DE FABRICATION ADDITIVE D'IMPLANTS ORTHOPEDIQUES**
[72] GALLAGHER, MICHELLE B., US
[72] SCHNEIDER, JENNIFER M., US
[72] BERG, MARK E., US
[71] TITAN SPINE, LLC, US
[85] 2018-05-17
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[51] **Int.Cl. H01R 13/629 (2006.01) H01R 13/46 (2006.01) H01R 13/641 (2006.01)**
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[54] **ELECTRICAL CONNECTOR WITH RECORDABLE POSITION ASSURANCE**
[54] **CONNECTEUR ELECTRIQUE A ASSURANCE DE POSITION ENREGISTRABLE**
[72] DEWITTE, THOMAS ROBERT, US
[71] TE CONNECTIVITY CORPORATION, US
[85] 2018-05-17
[86] 2016-11-21 (PCT/US2016/063058)
[87] (WO2017/091500)
[30] US (14/950,599) 2015-11-24

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[51] **Int.Cl. D21H 27/00 (2006.01) D21H 11/12 (2006.01)**
[25] EN
[54] **METHODS FOR LIBERATING TRICHOME FIBERS FROM PORTIONS OF A HOST PLANT**
[54] **PROCEDES POUR LIBERER DES FIBRES DE TRICHOME A PARTIR DE PARTIES D'UNE PLANTE HOTE**
[72] MOHAMMADI, KHOSROW PARVIZ, US
[72] KREIDER, SCOTT CHRISTOPHER, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-05-17
[86] 2016-12-14 (PCT/US2016/066536)
[87] (WO2017/106270)
[30] US (62/269,430) 2015-12-18

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[51] **Int.Cl. A61K 31/04 (2006.01) A61K 31/095 (2006.01) A61K 31/26 (2006.01) A61K 31/275 (2006.01)**
[25] EN
[54] **COMPOUNDS AND METHODS FOR INHIBITING PRODUCTION OF TRIMETHYLAMINE**
[54] **COMPOSES ET METHODES PERMETTANT D'INHIBER LA PRODUCTION DE TRIMETHYLAMINE**
[72] GARCIA-GARCIA, JOSE CARLOS, US
[72] HAZEN, STANLEY LEON, US
[72] WOS, JOHN AUGUST, US
[71] THE PROCTER & GAMBLE COMPANY, US
[71] THE CLEVELAND CLINIC FOUNDATION, US
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[30] US (62/261,645) 2015-12-01
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[51] **Int.Cl. C03C 17/00 (2006.01) C23C 14/00 (2006.01) C23C 14/08 (2006.01) C23C 14/10 (2006.01) C23C 14/18 (2006.01) C23C 14/35 (2006.01) C23C 16/00 (2006.01) C23C 16/40 (2006.01) C23C 16/513 (2006.01)**
[25] FR
[54] **PROCESS AND PLANT FOR OBTAINING COLORED GLAZING**
[54] **PROCEDE ET INSTALLATION POUR L'OBTENTION D'UN VITRAGE COLORE**
[72] MAGDENKO-SAVOUREY, LIUBOV, FR
[72] AGUIAR, ROSIANA, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[86] 2016-12-08 (PCT/FR2016/053277)
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[30] FR (1562045) 2015-12-09

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[51] **Int.Cl. B01F 15/00 (2006.01) B01F 3/12 (2006.01) B01F 7/16 (2006.01) B01F 15/02 (2006.01) F16K 1/00 (2006.01)**
[25] EN
[54] **INLET VALVE, MIXING DEVICE AND CONTROL METHOD FOR INTRODUCING A POWDERY SUBSTANCE INTO A LIQUID**
[54] **SOUPAPE D'ALIMENTATION, DISPOSITIF MELANGEUR ET PROCEDE DE COMMANDE POUR L'INTRODUCTION D'UNE SUBSTANCE PULVERULENTE DANS UN LIQUIDE**
[72] MORK NIELSEN, MIKKEL, DK
[72] MARCUSSEN, TORBEN, DK
[72] DARRE, BJARNE, DK
[72] SCHWENZOW, UWE, DE
[71] GEA TDS GMBH, DE
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[30] DE (10 2015 015 033.2) 2015-11-23
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[54] **FLUSHABLE FIBROUS STRUCTURES**
[54] **STRUCTURES FIBREUSES JETABLES DANS LES TOILETTES**
[72] MOHAMMADI, KHOSROW PARVIZ, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-05-17
[86] 2016-12-14 (PCT/US2016/066587)
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[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-ALPHA-V INTEGRIN ANTIBODY FOR THE TREATMENT OF FIBROSIS AND/OR FIBROTIC DISORDERS**
[54] **ANTICORPS DE L'INTEGRINE ANTI-ALPHA-V POUR LE TRAITEMENT DE LA FIBROSE ET/OU DE TROUBLES FIBROTIQUES**
[72] CELIK, ILHAN, DE
[72] STAUB, EIKE, DE
[72] URBAN, MIRIAM, DE
[72] RAAB, SABINE, DE
[72] SAMY, EILEEN, US
[72] BENDER, ANDREW, US
[72] HIGGINBOTHAM, GEORGIANNA, US
[72] WU, YIN, US
[72] XU, DAIGEN, US
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[25] FR
[54] **THERMAL CONTROL GLAZING WITH A PROTECTIVE POLYMER FILM**
[54] **VITRAGE DE CONTROLE THERMIQUE MUNI D'UN FILM POLYMERE PROTECTEUR**
[72] DEVYS, LUCIE, FR
[72] WANAKULE, NISITA, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-05-17
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[25] EN
[54] **POLYCYCLIC TLR7/8 ANTAGONISTS AND USE THEREOF IN THE TREATMENT OF IMMUNE DISORDERS**
[54] **ANTAGONISTES DE TLR7/8 POLYCYLIQUES ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES IMMUNES**
[72] SHERER, BRIAN A., US
[72] BRUGGER, NADIA, US
[71] MERCK PATENT GMBH, DE
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[30] US (62/268,765) 2015-12-17
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[51] **Int.Cl. C12N 5/02 (2006.01) A61K 35/51 (2015.01) A61K 35/28 (2015.01)**
[25] EN
[54] **USES OF EXPANDED POPULATIONS OF HEMATOPOIETIC STEM/PROGENITOR CELLS**
[54] **UTILISATIONS DE POPULATIONS ETENDUES DE CELLULES SOUCHES/PROGENITRICES HEMATOPOIETIQUES**
[72] DELANEY, COLLEEN, US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[85] 2018-05-17
[86] 2016-12-05 (PCT/US2016/064908)
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[30] US (62/263,470) 2015-12-04
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[25] EN
[54] **VERTICAL CARBON NANOTUBE AND LITHIUM ION BATTERY CHEMISTRIES**
[54] **COMPOSITIONS CHIMIQUES DE NANOTUBES DE CARBONE VERTICAUX ET DE BATTERIES AU LITHIUM-ION**
[72] DAROLLES, ISABELLE M., US
[72] FAHIMI, AZIN, US
[72] WANG, CONG, US
[72] ARIA, ADRIANUS I., GB
[72] CENDON, LUCIANA, US
[72] GHARIB, MORTEZA, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[54] **APPARATUS AND METHOD FOR PROCESSING LOGS**
[54] **APPAREIL ET PROCEDE POUR TRAITER DES RONDINS**
[72] RAUTIO, MARKKU, FI
[72] HALTTUNEN, TUOMAS, FI
[71] VEISTO OY, FI
[85] 2018-05-18
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[54] **VISUAL MESSAGING METHOD AND SYSTEM**
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[72] AUGER, COREY, CA
[71] NEXTWAVE SOFTWARE INC., CA
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[54] **DISPOSITIF THERAPEUTIQUE PORTABLE.**
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[72] SBARRO, DONNA, US
[72] BELNAVIS, DOROTHY, US
[71] BURNS, DENISE K., US
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[54] **PROCESS FOR MAKING LIGNIN COMPOSITION**
[54] **PROCEDE DE FABRICATION D'UNE COMPOSITION DE LIGNINE**
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[72] SAMEC, JOSEPH, SE
[71] REN FUEL K2B AB, SE
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[51] **Int.Cl. G01N 23/20 (2018.01) G10K 15/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND A METHOD FOR RESOLVING A CRYSTAL STRUCTURE OF A CRYSTAL AT ATOMIC RESOLUTION BY COLLECTING X-RAY DIFFRACTION IMAGES**
[54] **SYSTEME ET PROCEDE PERMETTANT DE RESOUDRE UNE STRUCTURE CRISTALLINE D'UN CRISTAL A UNE RESOLUTION ATOMIQUE PAR COLLECTE D'IMAGES DE DIFFRACTION DES RAYONS X**
[72] TOMIZAKI, TAKASHI, CH
[72] TSUJINO, SOICHIRO, CH
[71] PAUL SCHERRER INSTITUT, CH
[85] 2018-05-18
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[25] EN
[54] **COMPOUNDS FOR MEDICINAL APPLICATIONS**
[54] **COMPOSES POUR APPLICATIONS MEDICALES**
[72] JIN, BETTY, AU
[72] SEAH, EE-LING, AU
[72] JONES, PAUL ARTHUR, AU
[72] JENKINS, PETER JAMES, AU
[72] WINDLE, HENRY KENNETH, AU
[72] WU, WEN YANG, AU
[71] AUSTRALIAN BIOMEDICAL CO. PTY LTD, AU
[85] 2018-05-18
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[54] **ABUSE RESISTANT TRANSDERMAL DELIVERY DEVICES AND COMPOSIT'ONS COMPRISING AN OPIOID AGONIST AND A NON-TRANSDERMALLY DELIVERED N-OXIDE DERIVATIVE OF AN OPIOID ANTAGONIST FOR THE TREATMENT OF PAIN**
[54] **DISPOSITIFS D'ADMINISTRATION TRANSDERMIQUES RESISTANTS AUX ABUS ET COMPOSITIONS COMPRENANT UN AGONISTE D'OPIOIDE ET UN DERIVE N-OXYDE ADMINISTRE PAR VOIE NON TRANSDERMIQUE D'UN ANTAGONISTE D'OPIOIDE POUR LE TRAITEMENT DE LA DOULEUR**
[72] WHITELOCK, STEVE, GB
[71] EURO-CELTIQUE S.A., LU
[85] 2018-05-18
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[54] **APPARATUS FOR REDUCING HYDROCARBON EMISSIONS FROM VEHICLES**
[54] **APPAREIL PERMETTANT DE REDUIRE LES EMISSIONS D'HYDROCARBURES PROVENANT DE VEHICULES**
[72] HUYNH, THO TRUONG, GB
[71] HUYNH, THO TRUONG, GB
[85] 2018-05-18
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[54] **TRIMMER WITH HAIR COLLECTOR**
[72] JULEMONT, PIERRE, BE
[72] SMAL, OLIVIER, BE
[71] BABYLISS FACO SPRL, BE
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[54] **IMPROVEMENTS IN REFRIGERATORS**
[54] **AMELIORATIONS DE REFRIGERATEURS**
[72] MCANDREW, PAUL FRANCIS, GB
[72] BURKE, MATTHEW PIERS, GB
[72] TURNER, IAN STUART, GB
[71] AEROFOIL ENERGY LIMITED, GB
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[25] EN
[54] **CEPHEM COMPOUNDS, THEIR PRODUCTION AND USE**
[54] **COMPOSES DE CEPHEME, LEUR PREPARATION ET UTILISATION**
[72] MAITI, SAMARENDRA NATH, CA
[72] NGUYEN, DAI QUOC, CA
[72] REDDY, ANDHE V.N., CA
[72] HA, CHAN MINH, CA
[72] LING, RONG, CA
[72] SHAN, RUIDONG, CA
[72] MADALA, MADHAVA REDDY, CA
[72] YIP, JUDY, CA
[71] NAEJA-RGM PHARMACEUTICALS ULC, CA
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[54] **COMPOSITIONS COMPRISING BACTERIAL STRAINS**
[54] **COMPOSITIONS COMPRENANT DES SOUCHES BACTERIENNES**
[72] MULDER, IMKE ELISABETH, GB
[72] HOLT, AMY BETH, GB
[72] PANZICA, DOMENICO, GB
[72] MCCLUSKEY, SEANIN MARIE, GB
[71] 4D PHARMA RESEARCH LIMITED, GB
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[54] **ENREGISTREMENT D'IMAGE MULTIMODALE NEUROCHIRURGICALE PAR ULTRASONS GUIDES PAR IRM ET FUSION DE CAPTEURS MULTIPLES**
[72] PARDASANI, UTSAV, CA
[72] KHAN, ALI, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[25] EN
[54] **LACTOFERRIN FOR USE IN THE DIAGNOSIS OR PROGNOSIS OF ALZHEIMER'S DISEASE, OR IN THE DIAGNOSIS OF PARKINSON'S DISEASE**
[54] **LACTOFERRINE POUR UTILISATION DANS LE DIAGNOSTIC OU LE PRONOSTIC DE LA MALADIE D'ALZHEIMER, OU DANS LE DIAGNOSTIC DE LA MALADIE DE PARKINSON**
[72] CARRO DIAZ, EVA MARIA, ES
[71] GEROA DIAGNOSTICS, S.L., ES
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[51] **Int.Cl. B65D 75/58 (2006.01) B65D 75/52 (2006.01)**
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[54] **STICK PACK DESIGN**
[54] **CONFIGURATION DE PAQUET DE BAGUETTES**
[72] VALENTI, MICHAEL, US
[72] TATAPUDY, HANUMANTHARAO, US
[72] BORDEAU, JOHN, US
[72] HAEHL, KEVIN, US
[71] UNITHER PHARMACEUTICALS, FR
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[54] **GROMMET**
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[72] DESJARDINS, MATHIEU, CA
[71] BOMBARDIER INC., CA
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[25] EN
[54] **METHODS, PRECURSORS AND ABRASIVE BLASTING MASKS FOR MANUFACTURING NOISE ATTENUATING DEVICES**
[54] **PROCEDES, PRECURSEURS ET MASQUES DE DECAPAGE PAR PROJECTION D'ABRASIFS DESTINES A LA FABRICATION DE DISPOSITIFS ATTENUATEURS DE BRUIT**
[72] SIMPSON, DEREK, GB
[72] MILLAR, TONY, GB
[71] SHORT BROTHERS PLC, GB
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[54] **SYSTEME DE DISTRIBUTION D'AEROSOL ELECTRIQUE**
[72] SEARS, STEPHEN BENSON, US
[72] TALUSKIE, KAREN V., US
[72] DAVIS, MICHAEL F., US
[72] ADEME, BALAGER, US
[72] HUBBARD, SAWYER AUSTIN, US
[71] R. J. REYNOLDS TOBACCO COMPANY, US
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[54] **SYSTEMS AND METHODS FOR AUTOMATED FLUID RESPONSE MEASUREMENT**
[54] **SYSTEMES ET PROCEDES POUR MESURE DE REPONSE DE FLUIDE AUTOMATISEE**
[72] EIBL, JOSEPH, CA
[72] KENNY, JON-EMILE, US
[72] MAGNIN, PAUL, US
[72] EIBL, ANDREW, CA
[71] 1929803 ONTARIO CORP. D/B/A KE2 TECHNOLOGIES, CA
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[54] **METHODS FOR DETECTING COPY-NUMBER VARIATIONS IN NEXT-GENERATION SEQUENCING**
[54] **PROCEDES POUR DETECTER DES VARIATIONS DU NOMBRE DE COPIES DANS UN SEQUENCAGE DE NOUVELLE GENERATION**
[72] IVANOV, DMITRI, CH
[72] XU, ZHENYU, CH
[71] SOPHIA GENETICS S.A., CH
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[54] **AN APPARATUS FOR POWER GENERATION FROM THE SURFACE OCEAN WAVES IN DEEP SEAS**
[54] **APPAREIL DESTINE A GENERER DE L'ELECTRICITE A PARTIR DES VAGUES OCEANIQUES DE SURFACE EN MERS PROFONDES**
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[72] MCCLUSKEY, SEANIN MARIE, GB
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[71] 4D PHARMA RESEARCH LIMITED, GB
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[54] **METHOD FOR DESIGNING A LENS SHAPE AND SPECTACLE LENS**
[54] **PROCEDE DE CONCEPTION D'UNE FORME DE VERRE ET VERRE DE LUNETTES**
[72] SPRATT, RAY STEVEN, US
[72] ELLINGER, PHILIPP, AU
[72] WIETSCHORKE, HELMUT, DE
[72] NOLAN, ANGELA, AU
[72] VARNAS, SAULIUS, AU
[71] CARL ZEISS VISION INTERNATIONAL GMBH, DE
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[54] **HUFF COUGH SIMULATION DEVICE**
[54] **DISPOSITIF DE SIMULATION DE TOUX A EXPIRATION PROLONGEE**
[72] COSTELLA, STEPHEN, CA
[72] MORTON, ROBERT, CA
[72] SCHMIDT, JAMES, CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
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[54] **DEVICES AND METHODS FOR A CANNULA-DELIVERED TREATMENT MATERIAL APPLICATION DEVICE**
[54] **DISPOSITIFS ET METHODES POUR DISPOSITIF D'APPLICATION DE MATERIAU DE TRAITEMENT ADMINISTRE PAR CANULE**
[72] GUNN, NICHOLAS MAX, US
[72] KASHANI, POORIA SHARIF, US
[72] JOHNSON, ANDREW DAVID, US
[71] NOVARTIS AG, CH
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[54] **LIQUIDES IONIQUES FONCTIONNALISES AU SILANE**
[72] MOGANTY, SURYA, US
[72] TORRES, GABRIEL, US
[72] ABBATE, LUIGI, US
[72] SINICROPI, JOHN, US
[72] ZHU, XIAOJING, US
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[54] **DISPOSITIF D'ADMISSION D'AIR POUR MOTEUR A COMBUSTION INTERNE**
[72] OOKI, OSAMU, JP
[72] IIJIMA, KAZUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **TURBULENCE-GENERATING GRID AND METHOD OF DESIGN AND MANUFACTURE THEREFOR**
[54] **GRILLE GENERATRICE DE TURBULENCES ET SON PROCEDE DE CONCEPTION ET DE FABRICATION**
[72] VASSILICOS, JOHN CHRISTOS, GB
[72] BRUCE, PAUL JOHN KENNETH, GB
[72] ZHENG, SHAOKAI, GB
[72] GRAHAM, JOHN MICHAEL RUSSELL, GB
[71] IMPERIAL INNOVATIONS LTD, GB
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[54] **VEHICULE INCLINABLE**
[72] HARA, NOBUO, JP
[72] FUKUHARA, YUKIHIDE, JP
[72] TOYOTA, TAKESHI, JP
[72] NAGATA, TATSUYA, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[25] EN
[54] **METHODS OF IDENTIFYING IMMUNE CELLS IN PD-L1 POSITIVE TUMOR TISSUE**
[54] **METHODES D'IDENTIFICATION DE CELLULES IMMUNITAIRES DANS UN TISSU TUMORAL POSITIF PD-L1**
[72] BIRCH, CHANDLER MORGAN, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
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[54] **SALTS OF TETRACYCLINES**
[54] **SELS DE TETRACYCLINES**
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[72] SANTANA DE ARRUDA, LIVIA, BR
[72] FIGUEIREDO, MARGARIDA, PT
[72] ANTUNES, RAFAEL, PT
[72] FILIPE, ANA PAULA, PT
[71] HOVIONE SCIENTIA LIMITED, IE
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[25] EN
[54] **LEANING VEHICLE**
[54] **VEHICULE A INCLINAISON**
[72] HARA, NOBUO, JP
[72] FUKUHARA, YUKIHIDE, JP
[72] TOYOTA, TAKESHI, JP
[72] NAGATA, TATSUYA, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[54] **PREFORME A FOND CONCAVE A EPAISSEUR EVOLUTIVE**
[72] BUNEL, CHRISTOPHE, FR
[71] SIDEL PARTICIPATIONS, FR
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[72] DE HARO GARCIA, TERESA, GB
[72] LOWE, MARTIN ALEXANDER, GB
[72] MACCOSS, MALCOLM, US
[72] MORGAN, TREVOR, GB
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[72] THOBADI, ITUMELENG, ZA
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[54] **COMPOSITION PHARMACEUTIQUE POUR TRAITER OU PREVENIR LA STEATOHEPATITE NON ALCOOLIQUE (NASH)**
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[72] SHINOHARA, YUUKO, JP
[72] OKANARI, EIJI, JP
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[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES A UTILISER EN IMMUNOTHERAPIE CONTRE LA CLL ET D'AUTRES CANCERS**
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[72] WEINSCHENK, TONI, DE
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[72] SCHOOR, OLIVER, DE
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[54] **VIRUS VIVANT COMPRENANT UNE BANQUE DE SOUCHES ATTENUEES DU VIRUS DE LA DENGUE, ET VACCIN CONTRE LA DENGUE CONTENANT CE DERNIER COMME ANTIGENES**
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[72] YAMAORI, SUSUMU, JP
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[72] MATHONNET, MURIEL, FR
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[72] JAUBERTEAU, MARIE-ODILE, FR
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[54] **APPAREIL DE PHOTODETECTEUR A POINTS QUANTIQUES ET PROCEDES ASSOCIES**
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[54] **GEODIRECTION FONDEE SUR UNE PREDICTION AUTOMATISEE DE PERFORMANCES DE PUITS**
[72] SAMUEL, ROBELLO, US
[72] REDDY, UMESH N., US
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[72] KIM, HYO JIN, KR
[72] PARK, JI YOON, KR
[72] LEE, JU HO, KR
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[54] **COMPOSITIONS CATALYTIQUES ET COMPOSITIONS A BASE DE THIOLENE A DUREE D'EMPLOI PROLONGEE**
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[72] BOWLES, STEVEN E., US
[72] SCHWARTZMILLER, DAVINA J., US
[72] POWELL, ADAM B., US
[72] OLSON, KURT G., US
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[54] **CABLE OPTIQUE A STRUCTURE DE COUPLAGE PERIODIQUE INTERNE**
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[72] CHEN, YANGBIN, US
[72] CHIEN, CHING-KEE, US
[72] GREENWOOD, JULIAN LATELLE, III, US
[72] LAIL, JASON CLAY, US
[72] MCALPINE, WARREN WELBORN, US
[72] QUINN, CHRISTOPHER MARK, US
[72] SEDDON, DAVID ALAN, US
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[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE DEFORMATION DANS UN CABLE OPTIQUE DE CHAUSSEE**
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[54] **PROCEDES ET SYSTEMES PERMETTANT D'EVALUER LA STERILITE GRACE A LA BAISSE DE LA RESERVE ET DE LA FONCTION OVARIENNES**
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[71] CELMATIX INC., US
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[54] **COMPOSITIONS CONTENANT DES EXTRAITS NATURELS ET LEUR UTILISATION POUR LA PEAU ET LES CHEVEUX**
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[54] **PRACH A BANDE ETROITE AVEC DISTANCES DE SAUT DE TONALITE MULTIPLES**
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[72] XU, HAO, US
[72] WANG, XIAO FENG, US
[72] CHEN, WANSHI, US
[72] GAAL, PETER, US
[72] MONTOJO, JUAN, US
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[72] FAKOORIAN, SEYED ALI AKBAR, US
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[54] **ENSEMBLE VERROU POUR OUTIL DE PRISE AU SOL**
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[72] BJERKE, NATHAN, US
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[54] **ADHESIF STRUCTUREL PRESENTANT UNE RESISTANCE AMELIOREE A LA CORROSION**
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[54] **FILM ADHESIF STRUCTURAL MULTICOUCHE**
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[72] ELGIMIABI, SOHAIB, DE
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[54] **ROUES PLIABLES ET PROCEDES DE FABRICATION DE ROUES PLIABLES**
[72] SOLHEIM, JOHN A., US
[72] COLE, ERIC V., US
[72] CLARK, NEIL J., US
[71] KARSTEN MANUFACTURING CORPORATION, US
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[51] **Int.Cl. E21B 17/00 (2006.01) E21B 7/08 (2006.01) E21B 17/02 (2006.01)**
[25] EN
[54] **DEGRADABLE CASING JOINTS FOR USE IN SUBTERRANEAN FORMATION OPERATIONS**
[54] **ACCOUPLEMENTS DE TUBAGE DEGRADABLES DESTINES A ETRE UTILISES DANS DES OPERATIONS EN FORMATION SOUTERRAINE**
[72] HALL, COLTON CHADWICK, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2016-02-09 (PCT/US2016/017135)
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **ANTIBODIES AGAINST GLUCOCORTICOID-INDUCED TUMOR NECROSIS FACTOR RECEPTOR (GITR) AND USES THEREOF**
[54] **ANTICORPS DIRIGES CONTRE UN RECEPTEUR DU FACTEUR DE NECROSE TUMORALE INDUIT PAR GLUCOCORTICOIDES (GITR) ET LEURS UTILISATIONS**
[72] WANG, CHANGYU, US
[72] LONBERG, NILS, US
[72] KORMAN, ALAN J., US
[72] SELBY, MARK J., US
[72] SRINIVASAN, MOHAN, US
[72] HENNING, KARLA A., US
[72] HAN, MICHELLE MINHUA, US
[72] CHEN, GUODONG, US
[72] HUANG, RICHARD, US
[72] CHAKRABORTY, INDRANI, US
[72] HUANG, HAICHUN, US
[72] WONG, SUSAN CHIEN-SZU, US
[72] LI, HUIMING, US
[72] BARNHART, BRYAN C., US
[72] YAMNIUK, AARON P., US
[72] LEI, MING, US
[72] SCHWEIZER, LIANG, CN
[72] HATCHER, SANDRA V., US
[72] RAJPAL, ARVIND, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[87] (WO2017/087678)
[30] US (62/257,599) 2015-11-19
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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 3/18 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **GENERATING AN EARTH MODEL FROM SPATIAL CORRELATIONS OF EQUIVALENT EARTH MODELS**
[54] **GENERATION D'UN MODELE TERRESTRE A PARTIR DE CORRELATIONS SPATIALES DE MODELES TERRESTRES EQUIVALENTS**
[72] WILSON, GLENN A., US
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-05-18
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[54] **SINGLE-STREAM SORTING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TRI DE FLUX UNIQUE**
[72] ALSOP, DANNY E., SR., US
[71] ULTIMATE SPECIALTIES LLC, US
[85] 2018-05-18
[86] 2016-02-26 (PCT/US2016/019750)
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[54] **CHAMBRE DE MELANGE DE MILIEU**
[72] FLETCHER, THOMAS REID, US
[71] IRVINE SCIENTIFIC SALES COMPANY, INC., US
[85] 2018-05-18
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[30] US (62/257,685) 2015-11-19
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[51] **Int.Cl. C07D 249/08 (2006.01) C07D 401/06 (2006.01) C07D 403/06 (2006.01)**
[25] EN
[54] **4-((6-(2-(2,4-DIFLUOROPHENYL)-1,1-DIFLUORO-2-HYDROXY-3-(1H-1,2,4-TRIAZOL-1-YL)PROPYL)PYRIDIN-3-YL)OXY)BENZONITRILE AND PROCESSES OF PREPARATION**
[54] **4-((6-2-(2,4-DIFLUOROPHENYL)-1,1-DIFLUORO-2-HYDROXY-3-(1H-1,2,4-TRIAZOL-1-YL)PROPYL)PYRIDIN-3-YL)OXY)BENZONITRILE ET PROCEDES DE PREPARATION**
[72] YANG, QIANG, US
[72] HAO, YAN, US
[72] RYAN, SARAH, US
[72] WHITEKER, GREGORY, US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-05-17
[86] 2016-11-17 (PCT/US2016/062485)
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[25] EN
[54] **DILATOR WITH SLIT AND SLIDABLE SLEEVE**
[54] **DILATATEUR A FENTE ET A MANCHON COULISSANT**
[72] NATH, LYUNNI VENKATA SESHA SAYI, US
[71] SAINATH INTELLECTUAL PROPERTIES, LLC, US
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[54] **BREACH DETECTION GLOVE WITH A HIGH CONTRAST BETWEEN THE COLOR ON THE DONNING SIDE AND THE GRIP SIDE OF THE GLOVE**
[54] **GANT A DETECTION DE RUPTURE AVEC UN CONTRASTE ELEVE ENTRE LA COULEUR SUR LE COTE ENFILAGE ET LE COTE PREHENSION DU GANT**
[72] MODHA, SHANTILAL H., US
[72] [illegible]BERT, PATRICK H., US
[72] ISSARA, SOPHA, US
[72] ZAKARIA, ZAMSARI, US
[71] O&M HALYARD INTERNATIONAL UNLIMITED COMPANY, IE
[85] 2018-05-18
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[54] **KIDS' LOYALTY AND REWARDS PROGRAM**
[54] **PROGRAMME DE FIDELITE ET DE RECOMPENSE POUR ENFANTS**
[72] VOSTERS, KATHERINE G., US
[72] LEAKAS, PAUL A., US
[71] B. LITTLE & COMPANY, INC., US
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[86] 2016-11-17 (PCT/US2016/062399)
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[25] EN
[54] **INTEGRATED AUTOMATIC RETAIL SYSTEM AND METHOD**
[54] **SYSTEME AUTOMATIQUE INTEGRE DE VENTE AU DETAIL ET PROCEDE ASSOCIE**
[72] MURN, THOMAS, US
[71] THE ANSWER GROUP INC., US
[85] 2018-05-18
[86] 2016-11-18 (PCT/US2016/062769)
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[25] EN
[54] **CELLULAR SIGNAL BOOSTER WITH MULTIPLE SIGNAL CHAINS**
[54] **AMPLIFICATEUR DE SIGNAL CELLULAIRE A MULTIPLES CHAINES DE SIGNAUX**
[72] COOK, PATRICK, US
[72] ASHWORTH, CHRISTOPHER KEN, US
[71] WILSON ELECTRONICS, LLC, US
[85] 2018-05-18
[86] 2016-11-17 (PCT/US2016/062587)
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[51] **Int.Cl. H04B 7/00 (2006.01) H04W 8/22 (2009.01) H04B 7/005 (2006.01)**
[25] EN
[54] **LIMITING MOBILE DEVICE FUNCTIONALITY IN A VEHICLE**
[54] **LIMITATION DE LA FONCTIONNALITE D'UN DISPOSITIF MOBILE A L'INTERIEUR D'UN VEHICULE**
[72] MAHAR, STEPHEN NELSON, US
[72] WILLIAMS, DONALD EDWARD, JR., US
[71] CBROS TECHNOLOGIES, LLC, US
[85] 2018-05-18
[86] 2016-11-17 (PCT/US2016/062434)
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[51] **Int.Cl. C09J 163/00 (2006.01)**
[25] EN
[54] **STRUCTURAL ADHESIVE WITH IMPROVED FAILURE MODE**
[54] **ADHESIF STRUCTURAL A MODE DE RUPTURE AMELIORE**
[72] CURA, ELISABETH, DE
[72] ELGIMIABI, SOHAIB, DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[25] EN
[54] **VALVE AND VALVE COUPLING WITH REVERSE TAPERED SHAFTS**
[54] **VANNE ET ACCOUPLEMENT DE VANNE A ARBRES EFFILES INVERSES**
[72] PARK, YANG BAE, US
[71] VICTAULIC COMPANY, US
[85] 2018-05-17
[86] 2016-11-17 (PCT/US2016/062487)
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[30] US (62/258,797) 2015-11-23

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[51] **Int.Cl. B65D 30/08 (2006.01) B32B 27/08 (2006.01) B32B 27/32 (2006.01) B65D 81/18 (2006.01)**
[25] EN
[54] **METALLIZED, ORIENTED, LINEAR, LOW-DENSITY, POLETHYLENE FILMS**
[54] **FILMS DE POLYETHYLENE METALLISE, ORIENTE, LINEAIRE, A BASSE DENSITE**
[72] AMBROISE, BENOIT, BE
[71] JINDAL FILMS AMERICAS LLC, US
[85] 2018-05-18
[86] 2016-11-18 (PCT/US2016/062788)
[87] (WO2017/087809)
[30] US (62/257,079) 2015-11-18

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[51] **Int.Cl. H04W 4/00 (2018.01)**
[25] EN
[54] **CENTRALIZED ACCESS POINT PROVISIONING SYSTEM AND METHODS OF OPERATION THEREOF**
[54] **SYSTEME D'APPROVISIONNEMENT CENTRALISE DE POINTS D'ACCES ET SES PROCEDES DE FONCTIONNEMENT**
[72] CLEMENSON, MATTHEW ALLEN, US
[72] DIMATTEO, LAWRENCE ANTHONY, III, US
[71] WYFI, INC., US
[85] 2018-05-18
[86] 2016-11-18 (PCT/US2016/062945)
[87] (WO2017/087903)
[30] US (62/257,634) 2015-11-19

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[51] **Int.Cl. A61K 31/202 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **STABLE ANALOGS OF CYP450 LIPID METABOLITES AND INHIBITORS OF SOLUBLE EPOXIDE HYDROLASE**
[54] **ANALOGUES STABLES DES METABOLITES LIPIDIQUES DU CYP450 ET INHIBITEURS DE L'EPOXYDE HYDROLASE SOLUBLE**
[72] CONNOR, KIP M., US
[72] HASEGAWA, EIICHI, JP
[72] HAMMOCK, BRUCE D., US
[72] LEE, KIN SING STEPHEN, US
[71] MASSACHUSETTS EYE AND EAR INFIRMARY, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] CONNOR, KIP M., US
[71] HASEGAWA, EIICHI, JP
[71] HAMMOCK, BRUCE D., US
[71] LEE, KIN SING STEPHEN, US
[85] 2018-05-17
[86] 2016-11-17 (PCT/US2016/062492)
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[30] US (62/256,609) 2015-11-17
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[51] **Int.Cl. A01N 25/02 (2006.01) A01N 25/08 (2006.01) A01N 25/26 (2006.01) A01N 59/16 (2006.01) A61K 8/29 (2006.01) A61K 33/24 (2006.01) A61K 47/06 (2006.01)**
[25] EN
[54] **COMPOSITION WITH PEST RESISTANT PROPERTIES**
[54] **COMPOSITION A PROPRIETES RESISTANTES AUX ORGANISMES NUISIBLES**
[72] MCALLISTER, KEVIN, US
[71] VECTORBLOCK LLC, US
[85] 2018-05-17
[86] 2016-11-17 (PCT/US2016/062501)
[87] (WO2017/087654)
[30] US (62/256,553) 2015-11-17
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[25] EN
[54] **SELECTIVE PARTICLES TRANSFER FROM ONE DEVICE TO ANOTHER**
[54] **TRANSFERT SELECTIF DE PARTICULES DEPUIS UN DISPOSITIF VERS UN AUTRE**
[72] JUANG, DUANE S., TW
[72] HSU, CHIA-HSIEN, TW
[72] LIN, CHING-HUI, TW
[72] CHANG, HAO-CHEN, TW
[71] NATIONAL HEALTH RESEARCH INSTITUTES, TW
[85] 2018-05-18
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[30] US (62/258,174) 2015-11-20
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[51] **Int.Cl. A61K 38/17 (2006.01) A61K 38/20 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **LYMPHOCYTE ANTIGEN CD5-LIKE (CD5L)-INTERLEUKIN 12B (P40) HETERODIMERS IN IMMUNITY**
[54] **HETERODIMERES DANS L'IMMUNITE DE L'INTERLEUKINE 12B (P40) DE TYPE ANTIGENE LYMPHOCYTAIRE CD5 (CD5L)**
[72] KUCHROO, VIJAY K., US
[72] WANG, CHAO, US
[72] REGEV, AVIV, US
[72] SHEKHAR, KARTHIK, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[71] THE BROAD INSTITUTE, INC., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2018-05-17
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[87] (WO2017/087708)
[30] US (62/257,589) 2015-11-19

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[51] **Int.Cl. C02F 3/12 (2006.01) C02F 3/16 (2006.01)**
[25] EN
[54] **LATERAL CIRCULATOR AND AGITATOR FOR POND CULTIVATION**
[54] **CIRCULATEUR LATERAL ET AGITATEUR DESTINES A LA CULTURE EN ETANG**
[72] GALLAGHER, BRIAN J., US
[71] ECOTONICS, LLC, US
[85] 2018-05-17
[86] 2016-11-17 (PCT/US2016/062601)
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[13] A1
[51] **Int.Cl. G09B 23/30 (2006.01)**
[25] EN
[54] **SIMULATED DISSECTIBLE TISSUE**
[54] **TISSU DISSECABLE SIMULE**
[72] BLACK, KATIE, US
[72] FELSINGER, NATASHA, US
[72] BRESLIN, TRACY, US
[72] HOFSTETTER, GREGORY K., US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
[85] 2018-05-17
[86] 2016-11-18 (PCT/US2016/062669)
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[30] US (62/257,847) 2015-11-20
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[51] **Int.Cl. A47L 13/256 (2006.01) A47L 13/258 (2006.01) A47L 13/46 (2006.01)**
[25] EN
[54] **SINGLE-SIDED FLAT CLEANING MOP FRAME**
[54] **STRUCTURE DE VADROUILLE DE NETTOYAGE PLATE A UN COTE**
[72] TAYLOR, JAMES, ES
[72] HOYLE, MARK, US
[72] FORREST, BRAD, US
[72] PERELLI, THOMAS, US
[71] AVINTIV SPECIALTY MATERIALS INC., US
[85] 2018-05-18
[86] 2016-11-21 (PCT/US2016/063042)
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[51] **Int.Cl. G01F 23/62 (2006.01) G01F 23/74 (2006.01) G01F 23/76 (2006.01) H01H 35/18 (2006.01) H01H 36/02 (2006.01)**
[25] EN
[54] **VISUAL LIQUID LEVEL INDICATOR**
[54] **INDICATEUR DE NIVEAU DE LIQUIDE VISUEL**
[72] CURRY, DAVID P., US
[72] STETSON, DOUGLAS, US
[72] DOCKENDORFF, JAMES B., US
[71] GEMS SENSORS INC., US
[85] 2018-05-18
[86] 2016-11-18 (PCT/US2016/062934)
[87] (WO2017/087896)
[30] US (62/256,925) 2015-11-18

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[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 21/64 (2006.01) G01N 21/75 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **RATIOMETRIC BIOSENSORS AND NON-GEOMETRICALLY MODULATED FRET**
[54] **BIOCAPTEURS RATIOMETRIQUES ET TRANSFERT D'ENERGIE PAR RESONANCE DE FORSTER NON MODULE GEOMETRIQUEMENT**
[72] HELLINGA, HOMME W., US
[72] ALLERT, MALIN J., US
[71] DUKE UNIVERSITY, US
[85] 2018-05-18
[86] 2016-11-19 (PCT/US2016/062958)
[87] (WO2017/087912)
[30] US (62/257,850) 2015-11-20
[30] US (62/257,863) 2015-11-20
[30] US (62/257,859) 2015-11-20
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[51] **Int.Cl. B32B 15/01 (2006.01) C22C 19/05 (2006.01) C23C 30/00 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FORMING A LAYER ONTO A SURFACE OF A SOLID SUBSTRATE AND PRODUCTS FORMED THEREBY**
[54] **SYSTEMES ET PROCEDES DE FORMAGE D'UNE COUCHE SUR UNE SURFACE D'UN SUBSTRAT SOLIDE ET PRODUITS AINSI FORMES**
[72] BRACAMONTE, LORI, US
[72] WITHERS, JAMES, US
[72] ABCEDE, JOWIE, US
[71] ATS MER, LLC, US
[85] 2018-05-18
[86] 2016-11-21 (PCT/US2016/063134)
[87] (WO2017/087959)
[30] US (62/258,448) 2015-11-21
[30] US (62/265,765) 2015-12-10

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[51] **Int.Cl. A61K 51/04 (2006.01) C07D 311/24 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING ALZHEIMER'S DISEASE AND RELATED DISORDERS**
[54] **METHODES POUR TRAITER LA MALADIE D'ALZHEIMER ET DES TROUBLES ASSOCIES**
[72] ELMALEH, DAVID, US
[71] AZTHERAPIES, INC., US
[85] 2018-05-18
[86] 2016-11-21 (PCT/US2016/063143)
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[30] US (62/257,616) 2015-11-19

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[25] EN
[54] **URINATION RELIEF HATCH FOR WATERPROOF WADERS AND FOUL WEATHER GEAR**
[54] **TRAPPE DE MICTION POUR PANTALONS-BOTTES IMPERMEABLES ET EQUIPEMENT POUR LE MAUVAIS TEMPS**
[72] STEVENSON, ROBERT A., US
[72] STEVENSON, WENDY L., US
[72] LOPEZ, ANTHONY ISMAEL, US
[71] STEVENSON, ROBERT A., US
[71] STEVENSON, WENDY L., US
[85] 2018-05-18
[86] 2016-11-21 (PCT/US2016/063159)
[87] (WO2017/087966)
[30] US (14/948,378) 2015-11-22
[30] US (15/184,119) 2016-06-16
[30] US (15/355,580) 2016-11-18

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[51] **Int.Cl. G01N 33/53 (2006.01) C12Q 1/54 (2006.01) G01N 33/533 (2006.01) G01N 33/543 (2006.01) G01N 33/58 (2006.01) G01N 33/66 (2006.01)**
[25] EN
[54] **THERMOSTABLE GLUCOSE BIOSENSORS AND USES THEREOF**
[54] **BIOCAPTEURS DE GLUCOSE THERMOSTABLES ET LEURS UTILISATIONS**
[72] HELLINGA, HOMME W., US
[72] ALLERT, MALIN J., US
[71] DUKE UNIVERSITY, US
[85] 2018-05-18
[86] 2016-11-19 (PCT/US2016/062962)
[87] (WO2017/087916)
[30] US (62/257,796) 2015-11-20
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[25] EN
[54] **TORIC SMALL APERTURE INTRAOCULAR LENS WITH EXTENDED DEPTH OF FOCUS**
[54] **LENTILLE TORIQUE INTRAOCULAIRE A FAIBLE OUVERTURE A PROFONDEUR DE FOYER ACCRUE**
[72] LINK, WILLIAM J., US
[72] WEBB, R. KYLE, US
[71] ACUFOCUS, INC., US
[85] 2018-05-18
[86] 2016-11-21 (PCT/US2016/063181)
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[54] **FRAGRANCE DELIVERY COMPOSITION COMPRISING COPOLYMERS OF ACRYLOYL LACTAM AND ALKYLMETHACRYLATES, PROCESS FOR PREPARING THE SAME, AND METHOD OF USE THEREOF**
[54] **COMPOSITION D'ADMINISTRATION DE PARFUM COMPRENANT DES COPOLYMERES D'ACRYLOYL LACTAME ET DES ALKYLMETHACRYLATES, PROCEDE DE PREPARATION ET PROCEDE D'UTILISATION ASSOCIES**
[72] GAMEZ-GARCIA, MANUEL, US
[72] WOSSENE, SOLOMON TSIGIE, US
[72] TALLON, MICHAEL A., US
[72] PATEL, DRUPESH, US
[72] BLAZEWICZ, RYAN VINCENT, US
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[54] **METHODS AND SYSTEMS FOR LARGE-SCALE DETERMINATION OF RGBD CAMERA POSES**
[54] **PROCEDES ET SYSTEMES DE DETERMINATION A GRANDE ECHELLE DE POSES DE CAMERA RGBD**
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[54] **PROCEDE ELECTROPHORETIQUE PREPARATIF POUR LA PURIFICATION CIBLEE DE FRAGMENTS D'ADN GENOMIQUE**
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[72] MILBRANDT, JEFFREY, US
[72] ABRAMS, EZRA S., US
[72] BARBERA, TODD J., US
[72] BOLES, T. CHRISTIAN, US
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[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DU CANCER**
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[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[54] **INHIBITEURS D'ACC A BASE DE TRIAZOLE ET UTILISATIONS ASSOCIEES**
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[54] **APPAREILS DE DETECTION ET/OU DE DESTRUCTION DE TISSU ANORMAL TEL QU'UN TISSU CANCEREUX, ET PROCEDES ASSOCIES**
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[54] **LIDAR TRIDIMENSIONNEL AVEC CHAMP DE VISION CIBLE**
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[72] MENDEZ, JOSE RAUL, US
[72] HAMILTON, ANTHONY, US
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[54] **SYSTEME, APPAREILS, ET PROCEDES POUR AMELIORER LE FONCTIONNEMENT D'UNE TURBINE A L'AIDE D'UNE PRECIPITATION ELECTROSTATIQUE**
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[54] **COMPLEXE D'UN DERIVE DE GLUCOPYRANOSYLE ET SON PROCEDE DE PREPARATION ET SON UTILISATION**
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[54] **INHIBITORS OF INFLUENZA VIRUS REPLICATION, APPLICATION METHODS AND USES THEREOF**
[54] **INHIBITEURS DE REPLICATION DU VIRUS DE LA GRIPPE, METHODES D'APPLICATION ET UTILISATIONS ASSOCIEES**
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[72] REBILLARD, ERIC, SE
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[72] DOBRENIZKI, LADISLAUS, DE
[72] HOSENFELDT, TIM, DE
[72] MUSAYEV, YASHAR, DE
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[72] CORRENTI, COLIN E., US
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[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
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[54] **PROCEDE ET APPAREIL D'ALIMENTATION EN MATIERE MINERALE PARTICULAIRE PRECHAUFFEE DESTINEE A LA FABRICATION D'UNE MASSE MINERALE FONDUE**
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[72] CARPENTIER, ANTOINE, FR
[72] BANISSI, CLAIRE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[71] UNIVERSITE PARIS 13, FR
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[54] **MULTISPECIFIC ANTIBODIES**
[54] **ANTICORPS MULTI-SPECIFIQUES**
[72] WRIGHT, MICHAEL JOHN, GB
[71] UCB BIOPHARMA SPRL, BE
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[30] GB (1521391.1) 2015-12-03

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[25] EN
[54] **IL-34 ANTISENSE OLIGONUCLEOTIDES AND METHODS OF USING SAME**
[54] **OLIGONUCLEOTIDES ANTISENS IL-34 ET LEURS PROCEDES D'UTILISATION**
[72] MCNULTY, MARIE, IE
[72] VITI, FRANCESCA, CH
[72] BELLINVIA, SALVATORE, CH
[71] NOGRA PHARMA LIMITED, IE
[85] 2018-05-22
[86] 2016-11-25 (PCT/EP2016/078833)
[87] (WO2017/089555)
[30] US (62/260,076) 2015-11-25

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[25] EN
[54] **INOSITOL DERIVATIVES FOR USE IN PATHOLOGICAL CRYSTALLIZATION**
[54] **DERIVES D'INOSITOL A UTILISER DANS LA CRISTALLISATION PATHOLOGIQUE**
[72] IVARSSON, MATTIAS, CH
[72] CASTAGNER, BASTIEN, CA
[72] LEROUX, JEAN-CHRISTOPHE, CH
[72] PASCH, ANDREAS, CH
[71] ETH ZURICH, CH
[71] UNIVERSITAT BERN, CH
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[25] EN
[54] **DUAL CHAMBER SYSTEM AND METHOD TO GENERATE STEAM FOR CALIBRATION**
[54] **SYSTEME A DOUBLE CHAMBRE ET PROCEDE DE GENERATION DE VAPEUR DESTINEE A UN ETALONNAGE**
[72] AGAR, JORAM, KY
[72] FARCHY, DAVID, US
[71] AGAR CORPORATION LTD., KY
[85] 2018-04-23
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[30] US (14/923,813) 2015-10-27

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[25] EN
[54] **PROCESS FOR WITHDRAWING POLYOLEFINS**
[54] **PROCEDE DE SOUTIRAGE DE POLYOLEFINES**
[72] AL-HAJ ALI, MOHAMMAD, FI
[72] ERIKSSON, ERIK, SE
[72] VIJAY, SAMEER, AT
[72] MATHIVANAN, GUHAN, AT
[72] RASANEN, JUKKA, FI
[72] SLEIJSTER, HENRY, NL
[72] WURNITSCH, CHRISTOF, AT
[72] ZITTING, SAMULI, FI
[71] BOREALIS AG, AT
[85] 2018-05-22
[86] 2016-12-21 (PCT/EP2016/082113)
[87] (WO2017/108909)
[30] EP (15003631.7) 2015-12-21

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[25] EN
[54] **BEVERAGE PREPARATION SYSTEM AND CAPSULES**
[54] **SYSTEME DE PREPARATION DE BOISSON ET CAPSULES**
[72] WICKS, DAVID, GB
[72] KNOWLES, DAVE, GB
[72] MCCOY, TONY, GB
[72] HYDE, SAM, GB
[71] MARS, INCORPORATED, US
[85] 2018-05-22
[86] 2016-12-09 (PCT/GB2016/053894)
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[25] EN
[54] **SIRNA STRUCTURES FOR HIGH ACTIVITY AND REDUCED OFF TARGET**
[54] **STRUCTURES DE SIARN POUR UNE ACTIVITE ELEVEE ET DE MOINDRES EFFETS HORS CIBLE**
[72] YING, WENBIN, US
[72] MINOMI, KENJIROU, JP
[72] HARBORTH, JENS, US
[72] CINA, CIMA, US
[72] ZHENG, JANE, US
[72] VAISH, NARENDRA, US
[71] NITTO DENKO CORPORATION, JP
[85] 2018-05-18
[86] 2016-12-12 (PCT/US2016/066239)
[87] (WO2017/106111)
[30] US (62/266,675) 2015-12-13

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[51] **Int.Cl. F16H 7/12 (2006.01) B65G 41/00 (2006.01)**
[25] EN
[54] **BELT-TENSIONING DEVICE**
[54] **DISPOSITIF TENDEUR DE COURROIE**
[72] LEBENDER, FRANK, DE
[72] DANIEL, ANDREAS, DE
[72] BELOSEVIC, VJEKOSLAV, DE
[72] KOHLER, TOBIAS, DE
[72] FULLER, KARL, DE
[72] BLESSING, OTTO, DE
[71] KLEEMANN GMBH, DE
[85] 2018-05-22
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[25] EN
[54] **THICKENED ANTIMICROBIAL HARD SURFACE CLEANERS**
[54] **NETTOYANTS ANTIMICROBIENS EPAISSIS POUR SURFACES DURES**
[72] AHIRWAL, DEEPAK, BE
[72] CERMENATI, LAURA, BE
[72] CEULEMANS, RAPHAEL, ANGELINE ALFONS, BE
[72] MEERT, JORIS, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-05-18
[86] 2016-12-13 (PCT/US2016/066265)
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[25] EN
[54] **IN-LINE BLENDING PROCESS**
[54] **PROCEDE DE MELANGE EN LIGNE**
[72] SLEIJSTER, HENRY, NL
[72] AL-HAJ ALI, MOHAMMAD, FI
[72] RASANEN, JUKKA, FI
[72] ZITTING, SAMULI, FI
[72] BERGSTRA, MICHIEL, BE
[72] ERIKSSON, ERIK, SE
[72] WURNITSCH, CHRISTOF, AT
[72] MATHIVANAN, GUHAN, AT
[72] VIJAY, SAMEER, AT
[72] KANELLOPOULOS, VASILEIOS, FI
[72] AHO, JANI, FI
[72] TAKAKARHU, JOUNI, FI
[71] BOREALIS AG, AT
[85] 2018-05-22
[86] 2016-12-21 (PCT/EP2016/082184)
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[51] **Int.Cl. A47C 16/00 (2006.01) A47C 1/024 (2006.01)**
[25] EN
[54] **IMPROVED SELF-ADJUSTABLE BACKREST DEVICE**
[54] **DISPOSITIF DE DOSSIER AUTO-REGLABLE AMELIORE**
[72] BLASCO ANDREU, RAFAEL, ES
[71] BLASCO ANDREU, RAFAEL, ES
[85] 2018-05-22
[86] 2016-11-21 (PCT/ES2016/070830)
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[54] **PREDICTIVE SEGMENTATION OF ENERGY CUSTOMERS**
[54] **SEGMENTATION PREDICTIVE DE CLIENTS D'ENERGIE**
[72] ALBERT, ADRIAN, US
[72] MAASOUMY, MEHDI, US
[71] C3 IOT, INC., US
[85] 2018-05-18
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[30] US (62/269,793) 2015-12-18

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[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/0482 (2013.01) G06F 3/01 (2006.01)**
[25] EN
[54] **SYSTEM FOR AND METHOD OF CONTROLLING FUNCTIONS IN A VEHICLE CABIN**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE FONCTIONS DANS UNE CABINE DE VEHICULE**
[72] FAGAN, TIM, CA
[72] BARTENBACH, JEFF, US
[72] WALDMAN, ERICK, US
[72] CONNER, BRIAN, US
[72] NANCARROW, LINSEY, US
[72] HOBBS, TOM, US
[72] PIRIE, CHRIS, US
[72] MCBRIDE, HEIDI, US
[72] PETRY, SEBASTIAN, US
[72] LAVALLEE, LOUIS-XAVIER, CA
[72] MALEK, BRUCE, CA
[71] BOMBARDIER INC., CA
[85] 2018-05-22
[86] 2015-11-23 (PCT/IB2015/059049)
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[25] EN
[54] **SYSTEM FOR AND METHOD OF CONTROLLING FUNCTIONS IN A VEHICLE CABIN**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE FONCTIONS DANS UNE CABINE DE VEHICULE**
[72] FAGAN, TIM, CA
[72] JOHNSON, CHRISTIAN, CA
[72] CONNER, BRIAN, US
[72] BARTENBACH, JEFF, US
[72] NANCARROW, LINSEY, US
[72] HOBBS, TOM, US
[72] WALDMAN, ERICK, US
[72] PETRY, SEBASTIAN, US
[72] LAVALLEE, LOUIS-XAVIER, CA
[71] BOMBARDIER INC., CA
[85] 2018-05-22
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[54] **INHIBITORS OF THE MENIN-MLL INTERACTION**
[54] **INHIBITEURS DE L'INTERACTION MENINE-MLL**
[72] CLAREMON, DAVID A., US
[72] DONG, CHENGGUO, US
[72] FAN, YI, US
[72] JIA, LANQI, US
[72] SINGH, SURESH B., US
[72] VENKATRAMAN, SHANKAR, US
[72] YUAN, JING, US
[72] ZHENG, YAJUN, US
[72] ZHUANG, LINGHANG, US
[71] VITAE PHARMACEUTICALS, INC., US
[85] 2018-05-18
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[25] EN
[54] **SYSTEM AND METHOD FOR REPRESENTING A LOCATION OF A FAULT IN AN AIRCRAFT CABIN**
[54] **SYSTEME ET PROCEDE POUR REPRESENTER UN EMPLACEMENT D'UNE ANOMALIE DANS UNE CABINE D'AERONEF**
[72] FAGAN, TIM, CA
[72] MURPHY, ERIN, US
[72] NANCARROW, LINSEY, US
[72] BARTENBACH, JEFF, US
[71] BOMBARDIER INC., CA
[85] 2018-05-22
[86] 2015-11-23 (PCT/IB2015/059053)
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[51] **Int.Cl. A01G 17/00 (2006.01)**
[25] EN
[54] **METHOD FOR PROPAGATION OF POPLAR TREE FROM LEAF CUTTINGS**
[54] **PROCEDE DE PROPAGATION DE PEUPLIER A PARTIR DE BOUTURES DE FEUILLE**
[72] GARCIA, ROLANDO, CL
[72] VIZCARRA, GABRIELA, CL
[71] BIOTECNOLOGICA EMPRESARIAL DEL SUR SPA, CL
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[86] 2016-11-22 (PCT/IB2016/057040)
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[13] A1
[51] **Int.Cl. G06F 12/14 (2006.01) G06F 21/00 (2013.01)**
[25] EN
[54] **PROTECTION KEY MANAGEMENT AND PREFIXING IN VIRTUAL ADDRESS SPACE LEGACY EMULATION SYSTEM**
[54] **GESTION DE CLE DE PROTECTION ET PREFIXAGE DANS UN SYSTEME D'EMULATION EXISTANT D'ESPACE D'ADRESSE VIRTUEL**
[72] JAEGER, JAN, CH
[71] LZLABS GMBH, CH
[85] 2018-05-22
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[87] (WO2017/103651)

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[51] **Int.Cl. A61F 2/16 (2006.01) A61N 1/36 (2006.01) A61N 1/375 (2006.01) B29D 11/00 (2006.01) G02C 7/08 (2006.01)**
[25] EN
[54] **FLEXIBLE, HERMETIC ELECTRICAL INTERCONNECT FOR ELECTRONIC AND OPTOELECTRONIC DEVICES FOR IN VIVO USE**
[54] **INTERCONNEXION ELECTRIQUE SOUPLE HERMETIQUE POUR DISPOSITIFS ELECTRONIQUES ET OPTOELECTRONIQUES DESTINES A ETRE UTILISES IN VIVO**
[72] ZIELKE, MARK A., US
[72] MATTES, MICHAEL F., US
[71] NOVARTIS AG, CH
[85] 2018-05-22
[86] 2016-12-06 (PCT/IB2016/057383)
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[30] US (14/968,050) 2015-12-14

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[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/18 (2006.01) B01D 53/78 (2006.01)**
[25] EN
[54] **FLUE GAS DESULFURIZATION SYSTEM**
[54] **APPAREIL DE DESULFURATION DE GAZ DE CARNEAU**
[72] KUMAGAI, KAZUYA, JP
[71] CHIYODA CORPORATION, JP
[85] 2018-05-22
[86] 2016-11-29 (PCT/JP2016/004997)
[87] (WO2017/098697)
[30] JP (2015-238290) 2015-12-07

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[51] **Int.Cl. A01G 29/00 (2006.01)**
[25] EN
[54] **DEVICE FOR THE TREATMENT OF SUBSTRATE BODIES WITH PLANTS**
[54] **DISPOSITIF POUR LE TRAITEMENT DE CORPS DE SUBSTRAT AYANT DES PLANTES**
[72] STOLZE, MARTIN, NL
[71] M. STOLZE HOLDING B.V., NL
[85] 2018-05-22
[86] 2016-11-18 (PCT/NL2016/000021)
[87] (WO2017/091062)
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[51] **Int.Cl. C12N 1/14 (2006.01) C12N 15/63 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **IMPROVED PROTEIN EXPRESSION STRAINS**
[54] **SOUCHES AMELIOREES POUR L'EXPRESSION DE PROTEINES**
[72] RAMAIYA, PREETHI, US
[72] FINNIS, CHRISTOPHER JOHN ARTHUR, GB
[72] NORDEIDE, PER KRISTOFFER, DK
[72] MCLAUGHLAN, JENNIFER MARY, GB
[71] ALBUMEDIX LTD, GB
[85] 2018-05-18
[86] 2016-12-22 (PCT/US2016/068239)
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[30] US (62/270,762) 2015-12-22
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[51] **Int.Cl. A61N 1/378 (2006.01) A61N 1/39 (2006.01) H02J 7/02 (2016.01)**
[25] EN
[54] **POWERED CASE FOR ELECTRO-ACTIVE MEDICAL DEVICE BATTERY MANAGEMENT**
[54] **BOITIER ELECTRIQUE POUR GESTION DE BATTERIE DE DISPOSITIF MEDICAL ELECTRO-ACTIF**
[72] CAMPIN, JOHN ALFRED, US
[72] MATTES, MICHAEL F., US
[71] NOVARTIS AG, CH
[85] 2018-05-22
[86] 2016-12-12 (PCT/IB2016/057549)
[87] (WO2017/103765)
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[51] **Int.Cl. A61F 9/008 (2006.01) A61B 3/00 (2006.01) A61F 2/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR EYE MEASUREMENTS AND CATARACT SURGERY PLANNING USING VECTOR FUNCTION DERIVED FROM PRIOR SURGERIES**
[54] **PROCEDE ET SYSTEME DE MESURES OCULAIRES ET PLANIFICATION D'UNE CHIRURGIE DE LA CATARACTE EN UTILISANT LA FONCTION VECTORIELLE DERIVEE DE CHIRURGIES ANTERIEURES**
[72] RAYMOND, THOMAS D., US
[72] NEAL, DANIEL R., US
[72] COPLAND, RICHARD J., US
[72] XIONG, WEI, US
[72] PULASKI, PAUL, US
[72] FARRER, STEPHEN W., US
[72] CANOVAS VIDAL, CARMEN, NL
[72] HAMRICK, DANIEL R., US
[71] AMO WAVEFRONT SCIENCES, LLC, US
[85] 2018-05-22
[86] 2015-11-23 (PCT/US2015/062225)
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[51] **Int.Cl. A23K 10/20 (2016.01) A23K 10/30 (2016.01) A23K 50/40 (2016.01)**
[25] EN
[54] **FOOD PRODUCT FOR REDUCING MUSCLE BREAKDOWN AND METHODS THEREOF**
[54] **PRODUIT ALIMENTAIRE SERVANT A REDUIRE LA DEGRADATION MUSCULAIRE ET PROCEDES ASSOCIES**
[72] ALLAWAY, DAVID, GB
[72] HEWSON-HUGHES, ADRIAN, GB
[71] MARS, INCORPORATED, US
[85] 2018-05-22
[86] 2016-12-19 (PCT/IB2016/057782)
[87] (WO2017/103905)
[30] GB (1522304.3) 2015-12-17

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[51] **Int.Cl. A61K 38/12 (2006.01) A61K 9/51 (2006.01) A61K 47/10 (2017.01) A61K 47/12 (2006.01) A61P 29/00 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **THERAPEUTIC NANOPARTICLES COMPRISING AN ANTIBIOTIC AND METHODS OF MAKING AND USING SAME**
[54] **NANOPARTICULES THERAPEUTIQUES COMPRENANT UN ANTIBIOTIQUE ET LEURS METHODES DE PRODUCTION ET D'UTILISATION**
[72] ZALE, STEPHEN E., US
[71] PFIZER INC., US
[85] 2018-05-22
[86] 2016-11-21 (PCT/IB2016/057003)
[87] (WO2017/089942)
[30] US (62/260,075) 2015-11-25
[30] US (62/286,734) 2016-01-25

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[51] **Int.Cl. B01D 47/00 (2006.01) B01D 45/10 (2006.01) B01D 47/02 (2006.01) B01D 53/18 (2006.01) B01D 53/50 (2006.01) B01D 53/75 (2006.01)**
[25] EN
[54] **LIQUID FILM DUST ARRESTER AND FLUE GAS DESULFURIZATION SYSTEM**
[54] **DISPOSITIF DE DEPOUSSIERAGE A RIDEAU DE LIQUIDE ET DISPOSITIF DE DESULFURATION DE GAZ DE CARNEAU**
[72] KUMAGAI, KAZUYA, JP
[72] YASUDA, HIROKAZU, JP
[72] KUROSAKI, NAOBUMI, JP
[71] CHIYODA CORPORATION, JP
[85] 2018-05-22
[86] 2016-11-29 (PCT/JP2016/004999)
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[30] JP (2015-238296) 2015-12-07

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[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/40 (2012.01) G06Q 20/42 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR USE IN VERIFYING RECURRING TRANSACTIONS TO PAYMENT ACCOUNTS**
[54] **SYSTEMES ET PROCEDES DESTINES A ETRE UTILISES LORS DE LA VERIFICATION DE TRANSACTIONS RECURRENTES VERS DES COMPTES DE PAIEMENT**
[72] VIENRAVEE, BRIAN, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-05-22
[86] 2016-11-22 (PCT/US2016/063268)
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[30] US (14/948,523) 2015-11-23

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[51] **Int.Cl. E21B 43/24 (2006.01) C07C 5/333 (2006.01) E21B 36/02 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS, AND SYSTEM FOR ENHANCED OIL AND GAS RECOVERY WITH SUPER FOCUSED HEAT**
[54] **PROCEDE, APPAREIL ET SYSTEME D'AMELIORATION DE LA RECUPERATION DE PETROLE ET DE GAZ PAR CHALEUR HYPER-CONCENTREE**
[72] JURANITCH, JAMES C., US
[71] XDI HOLDINGS, LLC, US
[85] 2018-05-22
[86] 2016-11-22 (PCT/US2016/063339)
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[30] US (62/258,512) 2015-11-22

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[13] A1
[51] **Int.Cl. A61K 31/7076 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **AN A3 ADENOSINE RECEPTOR LIGAND FOR USE IN TREATING ECTOPIC FAT ACCUMULATION**
[54] **LIGAND DU RECEPTEUR DE L'ADENOSINE A3 POUR LE TRAITEMENT DE L'ACCUMULATION DE GRAISSE ECTOPIQUE**
[72] FISHMAN, PNINA, IL
[72] COHEN, SHIRA, IL
[71] CAN-FITE BIOPHARMA LTD., IL
[85] 2018-05-22
[86] 2016-11-22 (PCT/IL2016/051258)
[87] (WO2017/090036)
[30] IL (242723) 2015-11-23

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[54] **DOWNHOLE SCALE REMEDIATION ABOVE A DOWNHOLE SAFETY VALVE**
[54] **DETARTRAGE EN FOND DE TROU AU-DESSUS D'UNE SOUPAPE DE SECURITE DE FOND DE TROU**
[72] MEBRATU, AMARE AMBAYE, NO
[72] CHOUDHARY, YOGESH KUMAR, NO
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD AND SYSTEM FOR MICROBIOME-DERIVED DIAGNOSTICS AND THERAPEUTICS FOR BACTERIAL VAGINOSIS**
[54] **PROCEDE ET SYSTEME DE DIAGNOSTIC ET DE THERAPIE DERIVES DU MICROBIOME POUR LA VAGINOSE BACTERIENNE**
[72] APTE, ZACHARY, US
[72] RICHMAN, JESSICA, US
[72] ALMONACID, DANIEL, US
[72] BEHBAHANI, SIAVOSH REZVAN, US
[71] UBIOME, INC., US
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[25] EN
[54] **RADIATION BEAM COLLIMATING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE COLLIMATION DE FAISCEAU DE RAYONNEMENT**
[72] KAWRYKOW, IWAN, US
[72] DEMPSEY, JAMES F., US
[72] KUDUVALLI, GOPINATH, US
[72] SHARMA, AMIT, US
[72] FOUGHT, GERALD E., US
[71] VIEWRAY TECHNOLOGIES, INC., US
[85] 2018-05-22
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[30] US (62/259,570) 2015-11-24

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[54] **SYSTEM AND METHOD FOR PAYLOAD DISPERSION USING UAVS**
[54] **SYSTEME ET PROCEDE DE DISPERSION DE CHARGE UTILE EN UTILISANT DES UAV**
[72] ZILBERSTEIN, ARIEL, IL
[72] GRAFF, UDI, IL
[71] ALMOG RESCUE SYSTEMS LTD., IL
[85] 2018-05-22
[86] 2016-11-23 (PCT/IL2016/051262)
[87] (WO2017/090040)
[30] IL (242716) 2015-11-23
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR IDENTIFYING AND TREATING SUBJECTS AT RISK FOR CHECKPOINT BLOCKADE THERAPY ASSOCIATED COLITIS**
[54] **METHODES ET COMPOSITIONS POUR L'IDENTIFICATION ET LE TRAITEMENT DE SUJETS A RISQUE DE DEVELOPPER UNE COLITE ASSOCIEE A UNE THERAPIE DE BLOCAGE DE POINTS DE CONTROLE**
[72] PAMER, ERIC, US
[72] WOLCHOK, JEDD D., US
[72] DUBIN, KRISTA, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2018-05-22
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[25] EN
[54] **AQUEOUS EMULSIONS CONTAINING ETHYLENE-VINYL ACETATE COPOLYMERS, PREPARATION PROCESS THEREOF AND THEIR USE AS ANTI-GELLING ADDITIVES OF CRUDE OILS**
[54] **EMULSIONS AQUEUSES CONTENANT DES COPOLYMERES D'ETHYLENE-ACETATE DE VINYLE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION COMME ADDITIFS ANTI-GELIFICATION DE PETROLES BRUTS**
[72] CASALINI, ALESSANDRO, IT
[72] AGNOLI, MICHELA, IT
[72] MARIANI, PAOLO, IT
[72] LIMA, ROMANO, IT
[72] MERLINI, MASSIMO, IT
[71] VERSALIS S.P.A., IT
[71] ENI S.P.A., IT
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[86] 2016-12-02 (PCT/IB2016/057305)
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[25] EN
[54] **TRACKING AND MANIPULATING CELLULAR RNA VIA NUCLEAR DELIVERY OF CRISPR/CAS9**
[54] **SUIVI ET MANIPULATION D'ARN CELLULAIRE PAR DISTRIBUTION NUCLEAIRE DE CRISPR/CAS9**
[72] YEO, GENE, US
[72] NELLES, DAVID, US
[72] FANG, MARK, US
[72] BATRA, RANJAN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] FANG, MARK, US
[71] BATRA, RANJAN, US
[85] 2018-05-22
[86] 2016-11-22 (PCT/US2016/063429)
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[25] EN
[54] **LASER-ASSISTED DRUG DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT ASSISTEE PAR LASER**
[72] ELMAN, NOEL, US
[71] THE CHARLES STARK DRAPER LABORATORY, INC., US
[85] 2018-05-22
[86] 2016-11-23 (PCT/US2016/063531)
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[30] US (62/259,342) 2015-11-24

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[51] **Int.Cl. A61M 39/10 (2006.01) A61M 5/28 (2006.01)**
[25] EN
[54] **SYRINGE AND CONNECTOR SYSTEM**
[54] **SERINGUE ET SYSTEME DE CONNECTEUR**
[72] SCHRAUDER, MATTHEW, US
[72] CAIN, BRIAN, US
[72] COUSLEY, MICHAEL, US
[72] COWAN, KEVIN, US
[72] SPOHN, MICHAEL, US
[72] PARMER, TIMOTHY, US
[72] BECHSTEIN, JUSTIN, US
[72] POLCIN, RYAN, US
[72] JANG, SAM, US
[72] HEGGERNES, DAVE, US
[72] SANDEKIAN, PATRICIA, US
[72] POLLITT, JACK, US
[72] ODEGARD, JEREMY, US
[72] WOLGEMUTH, DAVID, US
[71] BAYER HEALTHCARE LLC, US
[85] 2018-05-22
[86] 2016-11-23 (PCT/US2016/063448)
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[30] US (62/259,891) 2015-11-25

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[25] EN
[54] **BATTERY CONNECTOR DEVICE FOR A BATTERY JUMP STARTING DEVICE**
[54] **DISPOSITIF CONNECTEUR DE BATTERIE POUR UN DISPOSITIF DE BATTERIE DE DEMARRAGE DE SECOURS**
[72] NOOK, JONATHAN LEWIS, US
[72] NOOK, WILLIAM KNIGHT, US
[72] STANFIELD, JAMES RICHARD, US
[72] UNDERHILL, DEREK MICHAEL, US
[71] THE NOCO COMPANY, US
[85] 2018-05-22
[86] 2017-02-10 (PCT/US2017/017289)
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[51] **Int.Cl. C12M 1/12 (2006.01)**
[25] EN
[54] **MICROFLUIDIC CHIP MODULES, SYSTEMS, AND METHODS FOR IMPROVING AIR QUALITY**
[54] **MODULES DE PUCES MICROFLUIDIQUES, SYSTEMES ET PROCEDES D'AMELIORATION DE LA QUALITE DE L'AIR**
[72] ADAMS, ALINA, US
[72] NEDDERSEN, ANASTASIA, US
[71] ARTVEOLI, INC., US
[85] 2018-05-22
[86] 2016-10-25 (PCT/US2016/058713)
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[54] **INSULATED DUCT WITH AIR GAP AND METHOD OF USE**
[54] **CONDUIT ISOLE A INTERVALLE D'AIR ET SON PROCEDE D'UTILISATION**
[72] CARLAY, RONALD L., US
[72] SCHLAGETER, JOHN CULLEN, US
[72] CAMPBELL, DONALD B., US
[71] FLEXIBLE TECHNOLOGIES, INC., US
[85] 2018-05-22
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[51] **Int.Cl. A61J 1/20 (2006.01)**
[25] EN
[54] **SYRINGE FILL ADAPTER**
[54] **ADAPTATEUR DE REMPLISSAGE DE SERINGUE**
[72] COWAN, KEVIN P., US
[72] DEDIG, JAMES A., US
[72] SCHRAUDER, MATTHEW, US
[72] SPOHN, MICHAEL A., US
[72] MCDERMOTT, MICHAEL, US
[72] MCGEE, MATTHEW, US
[71] BAYER HEALTHCARE LLC, US
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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/18 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING EYE DISORDERS**
[54] **METHODE DE TRAITEMENT DE TROUBLES OCULAIRES**
[72] SHERMAN, MATTHEW L., US
[72] ATTIE, KENNETH M., US
[71] ACCELERON PHARMA INC., US
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[86] 2016-11-23 (PCT/US2016/063557)
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[30] US (62/258,934) 2015-11-23

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[51] **Int.Cl. E21B 43/22 (2006.01) C08F 220/56 (2006.01) C09K 8/588 (2006.01) C09K 8/68 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **WEAK GEL SYSTEM FOR CHEMICAL ENHANCED OIL RECOVERY**
[54] **SYSTEME A GEL REVERSIBLE POUR RECUPERATION D'HYDROCARBURES ASSISTEE PAR VOIE CHIMIQUE**
[72] SZALAI, MICHAEL L., US
[72] LIU, MEI, US
[72] CHANG, KIN-TAI, US
[71] ECOLAB USA INC., US
[85] 2018-05-22
[86] 2016-11-23 (PCT/US2016/063469)
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[25] EN
[54] **METHODS OF DETECTING AND TREATING PULMONARY HYPERTENSION**
[54] **PROCEDES DE DETECTION ET DE TRAITEMENT DE L'HYPERTENSION PULMONAIRE**
[72] ZISMAN, LAWRENCE S., US
[71] RENSSELAER CENTER FOR TRANSLATIONAL RESEARCH, INC., US
[85] 2018-05-22
[86] 2016-11-09 (PCT/US2016/061189)
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[51] **Int.Cl. F25J 3/06 (2006.01) B01B 1/00 (2006.01) C10L 3/06 (2006.01) F25J 1/00 (2006.01) F25J 1/02 (2006.01) F25J 3/02 (2006.01)**
[25] EN
[54] **USE OF EDUCTOR FOR LIQUID DISPOSAL FROM VESSEL**
[54] **UTILISATION D'UN EJECTEUR POUR L'ELIMINATION DE LIQUIDE A PARTIR D'UN RECIPIENT**
[72] KENEFAKE, DARYL A., US
[72] WILKINS, JAMES T., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-05-22
[86] 2016-11-29 (PCT/US2016/063987)
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[30] US (62/262,629) 2015-12-03
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[25] EN
[54] **BIOTECHNOLOGICALLY-PRODUCED CELLULOSE-CONTAINING ARTICLE FOR DERMATOLOGICAL USE**
[54] **ARTICLE CONTENANT DE LA CELLULE PRODUIT PAR UNE TECHNIQUE BIOTECHNOLOGIQUE A USAGE DERMATOLOGIQUE**
[72] HESSLER, NADINE, DE
[71] JENACELL GMBH, DE
[85] 2018-05-23
[86] 2016-09-27 (PCT/EP2016/072972)
[87] (WO2017/089005)
[30] EP (15196348.5) 2015-11-25

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[51] **Int.Cl. C12N 15/113 (2010.01) C12N 5/075 (2010.01) A01K 67/027 (2006.01) C12N 7/00 (2006.01) C12N 15/19 (2006.01) C12N 15/63 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **PRODUCTION OF VIRUSES IN AVIAN EGGS**
[54] **PRODUCTION DE VIRUS DANS DES OEUFS AVIAIRES**
[72] BEAN, ANDREW, AU
[72] LOWENTHAL, JOHN WILLIAM, AU
[72] MALAVER-ORTEGA, LUIS FERNANDO, AU
[72] TRIPP, RALPH A., US
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
[85] 2018-05-23
[86] 2016-11-23 (PCT/AU2016/051146)
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[30] AU (2015904854) 2015-11-24

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[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR TREATING MEDICAL DEVICES HAVING PASSAGEWAYS WITH OZONE GAS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE TRAITEMENT DE DISPOSITIFS MEDICAUX COMPRENANT DES VOIES DE PASSAGE D'OZONE GAZEUX**
[72] LEYVA, TIMOTHY, US
[72] OLSZTA, WILLIAM E., US
[71] SOCLEAN, INC., US
[85] 2018-05-22
[86] 2017-04-27 (PCT/US2017/029950)
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[30] US (15/141,216) 2016-04-28

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[51] **Int.Cl. A01N 37/02 (2006.01) A01N 37/06 (2006.01) A01N 37/38 (2006.01) A01N 59/16 (2006.01) A01N 59/20 (2006.01)**
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[54] **COMPOSITION FOR CROP CARE AND PROTECTION**
[54] **COMPOSITION POUR LE SOIN ET LA PROTECTION DE CULTURES**
[72] LEONARDI, GIULIANO, IT
[72] VECCHI, ALFEO, GB
[71] ALPHA BIOPESTICIDES LIMITED, GB
[85] 2018-05-23
[86] 2016-11-08 (PCT/EP2016/076975)
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[30] IT (102015000080379) 2015-12-04

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[51] **Int.Cl. C07C 317/04 (2006.01) C07C 69/67 (2006.01) C07C 381/00 (2006.01)**
[25] EN
[54] **SITE-SPECIFIC ISOTOPIC LABELING OF 1,4-DIENE SYSTEMS**
[54] **MARQUAGE ISOTOPIQUE SPECIFIQUE DE SITE DE SYSTEMES 1,4-DIENES**
[72] VIDOVIC, DRAGOSLAV, RS
[72] SHCHEPINOV, MIKHAIL SERGEEVICH, GB
[71] RETROTOPE, INC., US
[85] 2018-05-22
[86] 2016-09-09 (PCT/US2016/051119)
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[51] **Int.Cl. B66B 1/32 (2006.01) B66B 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR DRIVING A BRAKE DEVICE OF A LIFT SYSTEM**
[54] **PROCEDE DE COMMANDE D'UN DISPOSITIF DE FREINAGE D'UNE INSTALLATION D'ASCENSEUR**
[72] STUDER, CHRISTIAN, CH
[72] CAMBRUZZI, ANDREA, CH
[71] INVENTIO AG, CH
[85] 2018-05-23
[86] 2016-11-18 (PCT/EP2016/078177)
[87] (WO2017/093050)
[30] EP (15197413.6) 2015-12-02

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[51] **Int.Cl. A61B 5/00 (2006.01) G06F 19/12 (2011.01) G06F 19/22 (2011.01) G06F 19/28 (2011.01) C12Q 1/68 (2018.01) G06F 19/00 (2018.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MICROBIOME-DERIVED DIAGNOSTICS AND THERAPEUTICS INFECTIOUS DISEASE AND OTHER HEALTH CONDITIONS ASSOCIATED WITH ANTIBIOTIC USAGE**
[54] **PROCEDE ET SYSTEME POUR DIAGNOSTICS DERIVES DU MICROBIOME ET AGENTS THERAPEUTIQUES POUR UNE MALADIE INFECTIEUSE OU D'AUTRES ETATS DE SANTE ASSOCIES A L'UTILISATION D'ANTIBIOTIQUES**
[72] APTE, ZACHARY, US
[72] RICHMAN, JESSICA, US
[72] ALMONACID, DANIEL, US
[72] BEHBAHANI, SIAVOSH REZVAN, US
[71] UBIOME, INC., US
[85] 2018-05-22
[86] 2016-09-09 (PCT/US2016/051149)
[87] (WO2017/044880)
[30] US (62/215,891) 2015-09-09

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[25] EN
[54] **CD39 VASCULAR ISOFORM TARGETING AGENTS**
[54] **AGENT DE CIBLAGE DE L'ISOFORME VASCULAIRE DE CD39**
[72] BASTID, JEREMY, FR
[72] GAUTHIER, LAURENT, FR
[72] PATUREL, CARINE, FR
[72] PERROT, IVAN, FR
[72] ROUSSEL, ALAIN, FR
[72] AMIGUES, BEATRICE, FR
[71] INNATE PHARMA, FR
[71] OREGA BIOTECH, FR
[85] 2018-05-23
[86] 2016-11-22 (PCT/EP2016/078395)
[87] (WO2017/089334)
[30] US (62/258,701) 2015-11-23
[30] US (62/263,760) 2015-12-07
[30] US (62/267,343) 2015-12-15
[30] US (62/320,738) 2016-04-11
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[51] **Int.Cl. C12Q 1/68 (2018.01) G06F 19/10 (2011.01) G06F 19/18 (2011.01) G06F 19/20 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MICROBIOME-DERIVED DIAGNOSTICS AND THERAPEUTICS FOR CONDITIONS ASSOCIATED WITH GASTROINTESTINAL HEALTH**
[54] **PROCEDE ET SYSTEME POUR DES DIAGNOSTICS DERIVES DU MICROBIOME ET AGENTS THERAPEUTIQUES POUR DES AFFECTIONS ASSOCIEES A LA SANTE GASTRO-INTESTINALE**
[72] APTE, ZACHARY, US
[72] RICHMAN, JESSICA, US
[72] ALMONACID, DANIEL, US
[72] BEHBAHANI, SIAVOSH REZVAN, US
[71] UBIOME, INC., US
[85] 2018-05-22
[86] 2016-09-09 (PCT/US2016/051174)
[87] (WO2017/044901)
[30] US (62/215,900) 2015-09-09
[30] US (62/215,912) 2015-09-09
[30] US (62/216,086) 2015-09-09
[30] US (62/216,049) 2015-09-09
[30] US (62/215,892) 2015-09-09
[30] US (62/216,023) 2015-09-09

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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 29/00 (2006.01) E21B 44/02 (2006.01)**
[25] EN
[54] **MILL-RIGHT SYSTEM**
[54] **SYSTEME DE TYPE MILL-RIGHT**
[72] HASSARD, CECIL, CA
[71] COIL SOLUTIONS, INC., CA
[85] 2018-05-23
[86] 2016-11-23 (PCT/CA2016/051373)
[87] (WO2017/088052)
[30] US (62/258,960) 2015-11-23

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[51] **Int.Cl. C12N 15/00 (2006.01) A61K 39/00 (2006.01) A61K 39/145 (2006.01) A61K 39/155 (2006.01) A61K 39/17 (2006.01) C12N 7/00 (2006.01) C12N 15/06 (2006.01)**
[25] EN
[54] **PRODUCTION OF VIRUSES IN CELL CULTURE**
[54] **PRODUCTION DE VIRUS DANS UNE CULTURE CELLULAIRE**
[72] BEAN, ANDREW, AU
[72] LOWENTHAL, JOHN WILLIAM, AU
[72] MALAVER-ORTEGA, LUIS FERNANDO, AU
[72] TRIPP, RALPH A, US
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
[85] 2018-05-23
[86] 2016-11-23 (PCT/AU2016/051147)
[87] (WO2017/088018)
[30] AU (2015904851) 2015-11-24

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[54] **TUBULAIRES DE PUITS DE FORAGE COMPRENANT UNE PLURALITE D'ORIFICES DE STIMULATION SELECTIVE ET PROCEDES D'UTILISATION ASSOCIES**
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[72] SPIECKER, P. MATTHEW, US
[72] LONNES, STEVE, US
[72] HALL, TIMOTHY J., US
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[71] STRYKER CORPORATION, US
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[54] **TRAITEMENT DE TUMEURS DU SYSTEME NERVEUX CENTRAL**
[72] DE VLEESCHOUWER, STEVEN, BE
[72] VAN WOENSEL, MATTHIAS, BE
[72] AMIGHI, KARIM, BE
[72] WAUTHOZ, NATHALIE, BE
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[54] **COMPOSITIONS DE GLYCOSIDES DE STEVIOL POUR INGESTION OU UTILISATION ORALE**
[72] CARLSON, TING LIU, US
[72] GASPARD, DAN S., US
[72] GUTHRIE, BRIAN D., US
[72] MORTENSON, MICHAEL ALAN, US
[71] CARGILL, INCORPORATED, US
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[54] **PROCEDE METTANT EN □UVRE DES ANTICORPS BISPECIFIQUES**
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[54] **DISPOSITIFS DE FOND DE TROU POUR FOURNIR DES ELEMENTS D'ETANCHEITE DANS UN PUITS DE FORAGE, PUITS QUI COMPRENNENT DE TELS DISPOSITIFS DE FOND DE TROU, ET LEURS PROCEDES D'UTILISATION**
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[54] **TRAITEMENT DU CANCER A L'AIDE DE 2-DESOXY-2-FLUORO-L-FUCOSE EN ASSOCIATION AVEC UN INHIBITEUR DE POINT DE CONTROLE**
[72] GARDAI, SHYRA, US
[72] LAW, CHE-LEUNG, US
[72] SENTER, PETER, US
[72] OKELEY, NICOLE, US
[72] FIELD, JESSICA, US
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[54] **INSTALLATION DE TRANSPORT DE PERSONNES, PROCEDE DE MAINTENANCE ET COMMANDE DE MAINTENANCE**
[72] LUSTENBERGER, IVO, CH
[71] INVENTIO AG, CH
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[54] **UTILISATION D'OXYGENE DISSOUS POUR INHIBER LA PRODUCTION D'ACIDE LACTIQUE PENDANT LA PROPAGATION DE LA LEVURE ET/OU L'HYDROLYSE DE BIOMASSE LIGNOCELLULOSIQUE**
[72] KARL, ZACHARY J., US
[71] POET RESEARCH, INC., US
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[54] **CONJUGATES OF QUATERNIZED TUBULYSIN COMPOUNDS**
[54] **CONJUGUES DE COMPOSES DE TUBULYSINE QUATERNISES**
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[72] COURTER, JOEL, US
[71] SEATTLE GENETICS, INC., US
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[54] **SYSTEM AND METHOD FOR SINGLE CRYSTAL GROWTH WITH ADDITIVE MANUFACTURING**
[54] **SYSTEME ET PROCEDE POUR CROISSANCE DE MONOCRISTAL AVEC FABRICATION ADDITIVE**
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[71] HOBART BROTHERS COMPANY, US
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[54] **DOUBLE INTROSPECTION DE MEMOIRE PERMETTANT DE SECURISER DE MULTIPLES POINTS D'EXTREMITE DE RESEAU**
[72] LUTAS, DAN-HOREA, RO
[72] LUKACS, SANDOR, RO
[72] TICLE, DANIEL-IOAN, RO
[72] CIOCAS, RADU-IOAN, RO
[72] ANICHITEI, IONEL-CRISTINEL, RO
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[71] S.D. WARREN COMPANY D/B/A SAPPI NORTH AMERICA, US
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[72] ROBIBERO, VINCENT, US
[72] KRAFT, DAVE, US
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[54] **ARTICLE DE GENERATION D'AEROSOL COMPRENANT UN ELEMENT CONDUCTEUR DE CHALEUR ET UN TRAITEMENT DE SURFACE**
[72] LAVANCHY, FREDERIC, CH
[72] MALGAT, ALEXANDRE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **SYSTEME GENERATEUR D'AEROSOL DOTE DE MULTIPLES ELEMENTS CHAUFFANTS**
[72] FORCE, ERIC, CH
[72] GUO, YONGLU, CN
[72] LI, YONGHAI, CN
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **ENSEMBLE CARTOUCHE COMPORTANT UNE PARTIE D'ACTIONNEMENT**
[72] SAYGILI, ALI MURAT, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **OXY-ACETYLENE WORK APPARATUS AND METHOD FOR DETERMINING THE OPERATING TIME OF SAID APPARATUS**
[54] **INSTALLATION DE TRAVAIL DE TYPE OXYACETYLENIQUE ET PROCEDE DE DETERMINATION DE L'AUTONOMIE DE LADITE INSTALLATION**
[72] GOUDALLE, SEBASTIEN, FR
[72] QUATTRONE, MICHELE, FR
[72] GLEN, HENRI, FR
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[54] **FERMETURES DE POCHE AURICULAIRE POUR VALVULES CARDIAQUES PROTHETIQUES**
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[72] EVANS, MICHAEL, US
[72] VIDLUND, ROBERT M., US
[71] TENDYNE HOLDINGS, INC., US
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[54] **METHOD AND SYSTEM FOR PROCESSING SOLID WASTE CONTAINING FLUORINE COMPOUNDS**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE DECHETS SOLIDES CONTENANT DES COMPOSES FLUORES**
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[72] BEN MENASHE, ABRAHAM, IL
[71] ELCON RECYCLING CENTER (2003) LTD., IL
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[54] **DISPOSITIFS ET PROCEDES POUR LE TRAITEMENT DE LA DYSPHAGIE ASSOCIEE A UN VENTILATEUR**
[72] MULROONEY, CONOR, GB
[71] PHAGENESIS LIMITED, GB
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[72] FENTON, JONATHAN PAUL, GB
[71] FETU LIMITED, GB
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[54] **METHODS FOR REDUCING ATAXIN-2 EXPRESSION**
[54] **METHODES POUR DIMINUER L'EXPRESSION DE L'ATAXINE-2**
[72] RIGO, FRANK, US
[71] IONIS PHARMACEUTICALS, INC., US
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[54] **SYSTEME ET APPAREIL POUR COMMANDER L'ALIMENTATION EN ELECTRICITE ET PROCEDES ASSOCIES**
[72] EMBY, BERNARD CHRISTOPHER, MY
[71] TRICKLESTAR LIMITED, CN
[71] EMBY, CHRISTOPHER BERNARD, MY
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[54] **COMPLEXE D'AGENT CHIMIOTHERAPEUTIQUE A MICROBULLES POUR THERAPIE SONODYNAMIQUE**
[72] CALLAN, JOHN, GB
[72] MCHALE, ANTHONY, GB
[72] STRIDE, ELEANOR, GB
[71] UNIVERSITY OF ULSTER, GB
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[72] MERLIN, SIMONE, US
[72] ASTERJADHI, ALFRED, US
[71] QUALCOMM INCORPORATED, US
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[72] PISKORZ, WALDEMAR, PL
[72] PISKORZ, TOMASZ TADEUSZ, PL
[72] PISKORZ, IRENEUSZ, PL
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[54] **PORTE OU AUTRE PANNEAU REFERMABLE A COUPLAGE ACTIONNE PAR VERROU**
[72] RAZ, AMIR, IL
[71] DAN RAZ LTD., IL
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[54] **PROCEDE POUR ELEVER UNE INSTALLATION D'ASCENSEUR ET INSTALLATION D'ASCENSEUR POUVANT ETRE ADAPTEE A DES HAUTEURS DE CONSTRUCTION CROISSANTES**
[72] WEIBEL, ANDRE, CH
[72] CHRISTEN, LUKAS, CH
[71] INVENTIO AG, CH
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[54] **APPAREIL ET PROCEDE DE FORAGE**
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[72] WILLIAMS, MICHAEL V., US
[71] ASHMIN HOLDING LLC, US
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[54] **SYSTEMES PHOTOACTIVABLES A COMPOSANTS MULTIPLES POUR LA PREPARATION D'UNE COMPOSITION MOUSSEE DE SILICONE**
[72] SISTEMICH, ALEXANDER, DE
[72] WELSCH, VOLKER, DE
[72] LINK, ALFRED, DE
[71] SONDERHOFF CHEMICALS GMBH, DE
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[72] PERROUD, THOMAS DANIEL, US
[72] PERBOST, MICHEL GEORGES, US
[71] QIAGEN SCIENCES, LLC, US
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[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING LEVODOPA AMIDE AND USES THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN AMIDE DE LEVODOPA ET SES UTILISATIONS**
[72] YACOBY-ZEEVI, ORON, IL
[72] NEMES, MARA, IL
[72] ZWOZNIK, EDUARDO, IL
[72] VAINSHTOK, IRENA, IL
[72] SELA, EINAT, IL
[71] NEURODERM, LTD., IL
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[54] **3H-PYRROLOPYRIDINE COMPOUND, N-OXIDE THEREOF OR SALT THEREOF, AGRICULTURAL AND HORTICULTURAL INSECTICIDE COMPRISING THE COMPOUND AND METHOD FOR USING THE SAME**
[54] **COMPOSE DE 3H-PYRROLOPYRIDINE OU SON N-OXYDE, OU LEURS SELS, INSECTICIDE AGRICOLE ET HORTICOLE EN CONTENANT, ET UTILISATION ASSOCIEE**
[72] YONEMURA, IKKI, JP
[72] SANO, YUSUKE, JP
[72] SUWA, AKIYUKI, JP
[72] FUJIE, SHUNPEI, JP
[71] NIHON NOHYAKU CO., LTD., JP
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[54] **DATA RECOVERY OF DATA SYMBOLS**
[54] **RECUPERATION DE DONNEES DE SYMBOLES DE DONNEES**
[72] HAUG, STUART, US
[72] BONICATTO, DAMIAN, US
[71] LANDIS+GYR TECHNOLOGIES, LLC, US
[85] 2018-05-23
[86] 2016-01-15 (PCT/US2016/013658)
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[30] US (14/959,002) 2015-12-04

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[54] **BIFUNCTIONAL CATALYST**
[54] **CATALYSEUR BIFONCTIONNEL**
[72] MENTZEL, UFFE VIE, DK
[72] JOENSEN, FINN, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2018-05-23
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[54] **PATCH FOR SEALING RETINAL BREAKS AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS**
[54] **TIMBRE DE SCELLEMENT DE DECOLLEMENTS DE LA RETINE ET DISPOSITIFS, SYSTEMES, ET PROCEDES ASSOCIES**
[72] GUNN, NICHOLAS MAX, US
[72] PAPAC, MICHAEL J., US
[72] KASHANI, POORIA SHARIF, US
[71] NOVARTIS AG, US
[85] 2018-05-23
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[54] **RETURN BELT TRACKING IDLER FOR CONVEYOR BELT SYSTEM**
[54] **GALET TENDEUR DE COURROIE DE RETOUR POUR SYSTEME DE COURROIE TRANSPORTEUSE**
[72] WOLFE, CALEB, US
[72] FARROW, GLENN E., US
[72] SMITH, CHRISTOPHER S., US
[71] RICHWOOD INDUSTRIES INC., US
[85] 2018-05-23
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[54] **COLLECTOR COMPOSITIONS AND METHODS OF USING SAME IN MINERAL FLOTATION PROCESSES**
[54] **COMPOSITIONS DE COLLECTEURS ET LEURS PROCEDES D'UTILISATION DANS DES PROCEDES DE FLOTTATION DE MINERAIS**
[72] BHAMBHANI, TARUN, US
[72] FREEMAN, JASON, US
[72] NAGARAJ, DEVARAYASAMUDRAM R., US
[71] CYTEC INDUSTRIES INC., US
[85] 2018-05-23
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[25] EN
[54] **CAMERA MODULE**
[54] **MODULE D'APPAREIL DE PRISE DE VUES**
[72] MOLIN, HANS M., US
[72] TAN, LENNY T., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2018-05-23
[86] 2016-09-01 (PCT/US2016/049915)
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[25] EN
[54] **METHOD AND SYSTEM FOR MICROBIOME-DERIVED DIAGNOSTICS AND THERAPEUTICS FOR ECZEMA**
[54] **PROCEDE ET SYSTEME POUR DIAGNOSTICS DERIVES DU MICROBIOME ET AGENTS THERAPEUTIQUES CONTRE L'ECZEMA**
[72] APTE, ZACHARY, US
[72] RICHMAN, JESSICA, US
[72] ALMONACID, DANIEL, US
[72] BEHBAHANI, SIAVOSH REZVAN, US
[71] UBIOME, INC., US
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[54] **DRONE DEFENSE SYSTEM**
[54] **SYSTEME DE DEFENSE CONTRE LES DRONES**
[72] ZIEMBA, LINDA J., US
[72] ZIEMBA, DENNIS J., US
[72] SINATRA, TAYLOR J., US
[72] GAO, ZIANG, US
[71] DRONE GO HOME, LLC, US
[85] 2018-05-23
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[54] **UNITARY EXPANDED METAL MESH HAVING LINEAR DOWN-ROLL STRANDS**
[54] **TREILLIS METALLIQUE EXPANSE UNITAIRE COMPORTANT DES BRINS LINEAIRES ENROULABLES VERS LE BAS**
[72] HEBERT, LARRY S., US
[72] SWAN, MICHAEL D., US
[72] BOYD, SCOTT A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-05-22
[86] 2016-11-11 (PCT/US2016/061492)
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[51] **Int.Cl. B65G 43/10 (2006.01) G05B 19/042 (2006.01) G05B 19/048 (2006.01) G05B 19/07 (2006.01)**
[25] EN
[54] **INTERRUPT EXCEPTION WINDOW PROTOCOL ON A DATA COMMUNICATION BUS AND METHODS AND APPARATUSES FOR USING SAME**
[54] **PROTOCOLE DE FENETRE D'EXCEPTION D'INTERRUPTION SUR UN BUS DE COMMUNICATION DE DONNEES, AINSI QUE PROCEDES ET APPAREILS UTILISANT CELUI-CI**
[72] ILIJIC, NIK, AU
[71] HUBBELL INCORPORATED, US
[85] 2018-05-23
[86] 2016-11-28 (PCT/US2016/063850)
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[30] US (62/261,025) 2015-11-30

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[51] **Int.Cl. B65D 71/38 (2006.01)**
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[54] **PACKAGING SYSTEM AND BLANKS THEREFOR**
[54] **SYSTEME D'EMBALLAGE ET DECOUPES ASSOCIEES**
[72] ZACHERLE, MATTHEW E., US
[72] HAYTER, GREGORY P., US
[72] LOFTIN, CALEB S., US
[72] WALLING, BRADFORD J., US
[72] BLIN, PATRICK, FR
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2018-05-22
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[54] **EIF4A-INHIBITING COMPOUNDS AND METHODS RELATED THERETO**
[54] **COMPOSES INHIBITEURS D'EIF4-A ET PROCEDES ASSOCIES**
[72] ERNST, JUSTIN T., US
[72] REICH, SIEGFRIED H., US
[72] SPRENGELER, PAUL A., US
[72] TRAN, CHINH, US
[72] PACKARD, GARRICK KENNETH, US
[72] XIANG, ALAN XIN, US
[72] NILEWSKI, CHRISTIAN, US
[72] MICHELS, THEODORE, US
[71] EFFECTOR THERAPEUTICS, INC., US
[85] 2018-05-23
[86] 2016-11-22 (PCT/US2016/063353)
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[25] EN
[54] **LACRIMAL SYSTEM FOR DRUG DELIVERY**
[54] **SYSTEME LACRYMAL POUR ADMINISTRATION DE MEDICAMENTS**
[72] KAHOOK, MALIK Y., US
[72] SCHEIER, ANDREW, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2018-05-22
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[25] EN
[54] **COMPOSITE VESSEL FIRE PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION CONTRE LE FEU D'UN RECIPIENT COMPOSITE**
[72] GARG, MOHIT, US
[71] QUANTUM FUEL SYSTEMS LLC, US
[85] 2018-05-23
[86] 2016-11-22 (PCT/US2016/063374)
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[25] EN
[54] **METHOD AND SYSTEM FOR MICROBIOME-DERIVED DIAGNOSTICS AND THERAPEUTICS FOR CONDITIONS ASSOCIATED WITH CEREBRO-CRANIOFACIAL HEALTH**
[54] **PROCEDE ET SYSTEME POUR DES DIAGNOSTICS DERIVES DU MICROBIOME ET AGENTS THERAPEUTIQUES POUR DES AFFECTIONS ASSOCIEES A LA SANTE CEREBRO-CARNIOFACIALE**
[72] APTE, ZACHARY, US
[72] RICHMAN, JESSICA, US
[72] ALMONACID, DANIEL, US
[72] BEHBAHANI, SIAVOSH REZVAN, US
[71] UBIOME, INC., US
[85] 2018-05-23
[86] 2016-09-09 (PCT/US2016/051155)
[87] (WO2017/044885)
[30] US (62/216,016) 2015-09-09
[30] US (62/216,028) 2015-09-09
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[54] **SURGICAL INSTRUMENTFOR PENETRATION OF TISSUE LAYERS**
[54] **INSTRUMENT CHIRURGICAL POUR LA PENETRATION DE COUCHES DE TISSU**
[72] CRAWFORD, GEORGE, US
[71] CRAWFORD, GEORGE, US
[85] 2018-05-22
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[30] US (62/260,112) 2015-11-25

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[54] **COMPOSITE PRESSURE VESSEL HAVING INTERNAL LOAD SUPPORT**
[54] **RESERVOIR COMPOSITE SOUS PRESSION POSSEDANT UN SUPPORT DE CHARGE INTERNE**
[72] GARG, MOHIT, US
[71] QUANTUM FUEL SYSTEMS LLC, US
[85] 2018-05-23
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[54] **SPOUTLESS DRINKING CUP**
[54] **GOBELET SANS BEC VERSEUR**
[72] MILLER, CHARLES HEBERT, JR., US
[72] ZHANG, XIANGWEN, US
[72] REED, MARK DOUGLAS, US
[72] HANNEKEN, DOUGLAS SCOTT, US
[71] HANDI-CRAFT COMPANY, US
[85] 2018-05-23
[86] 2016-11-23 (PCT/US2016/063454)
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[25] EN
[54] **COMPOSTABLE PRODUCT PACKAGING**
[54] **EMBALLAGE DE PRODUITS COMPOSTABLE**
[72] THIBADO, JOHN, US
[72] PATTERSON, GREG, US
[72] RICHARDS, CHRIS, US
[72] LEE, DAVIS, US
[71] ADVANCED EXTRUSION, INC., US
[85] 2018-05-23
[86] 2016-11-23 (PCT/US2016/063468)
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[30] US (62/259,882) 2015-11-25
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[54] **PAIN RELIEVING FABRIC**
[54] **TEXTILE ANALGESIQUE**
[72] GOLDBERG, ARTHUR, US
[71] SIL VON, LLC, US
[85] 2018-05-22
[86] 2016-11-21 (PCT/US2016/063131)
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[54] **SYSTEMS, APPARATUSES AND METHODS FOR SYNCHRONIZATION PULSE CONTROL OF CHANNEL BANDWIDTH ON DATA COMMUNICATION BUS**
[54] **SYSTEMES, APPAREILS ET PROCEDES DE COMMANDE D'IMPULSIONS DE SYNCHRONISATION DE BANDE PASSANTE DE CANAL SUR UN BUS DE COMMUNICATION DE DONNEES**
[72] ILIJIC, NIK, AU
[71] HUBBELL INCORPORATED, US
[85] 2018-05-23
[86] 2016-11-28 (PCT/US2016/063858)
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[51] **Int.Cl. A61F 9/007 (2006.01)**
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[54] **UNI-PORT HYBRID GAUGE SURGICAL APPARATUSES AND METHODS**
[54] **APPAREILS ET PROCEDES CHIRURGICAUX A JAUGE HYBRIDE A ORIFICE UNIQUE**
[72] HALLEN, PAUL R., US
[72] STARK, WILLIAM J., III, US
[71] NOVARTIS AG, CH
[85] 2018-05-23
[86] 2016-12-13 (PCT/IB2016/057568)
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[30] US (62/266,903) 2015-12-14

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[25] EN
[54] **FORMULATIONS FOR 2-HETEROARYL SUBSTITUTED BENZOFURANS**
[54] **FORMULATIONS POUR BENZOFURANES A SUBSTITUTION 2-HETEROARYLE**
[72] CESATI, RICHARD R., III, US
[72] CASEBIER, DAVID S., US
[72] MORETON, RICHARD CHRISTIAN, US
[71] NAVIDEA BIOPHARMACEUTICALS, INC., US
[85] 2018-05-22
[86] 2016-11-21 (PCT/US2016/063154)
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[30] US (62/258,309) 2015-11-20
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[25] EN
[54] **LARGE SCALE CELL MANUFACTURE SYSTEM**
[54] **SYSTEME DE FABRICATION DE CELLULES A GRANDE ECHELLE**
[72] LEI, YUGUO, US
[71] NUTECH VENTURES, US
[85] 2018-05-23
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[54] **SYSTEMS AND METHODS OF MONITORING THE UNLOADING AND LOADING OF DELIVERY VEHICLES**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DU DECHARGEMENT ET DU CHARGEMENT DE VEHICULES DE DISTRIBUTION**
[72] JONES, NICHOLAUS A., US
[72] TAYLOR, ROBERT J., US
[72] JONES, MATTHEW A., US
[71] WALMART APOLLO, LLC, US
[85] 2018-05-23
[86] 2016-11-30 (PCT/US2016/064120)
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[25] EN
[54] **METHOD AND SYSTEM FOR MICROBIOME-DERIVED DIAGNOSTICS AND THERAPEUTICS FOR CONDITIONS ASSOCIATED WITH THYROID HEALTH ISSUES**
[54] **METHODE ET SYSTEME DE DIAGNOSTICS ET DE THERAPIES DERIVES DU MICROBIOME DESTINES A DES AFFECTIONS ASSOCIEES A DES PROBLEMES DE SANTE DE LA THYROIDE**
[72] APTE, ZACHARY, US
[72] RICHMAN, JESSICA, US
[72] ALMONACID, DANIEL, US
[72] BEHBAHANI, SIAVOSH REZVAN, US
[71] UBIOME, INC., US
[85] 2018-05-23
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **ANTIBODY MOLECULES TO APRIL AND USES THEREOF**
[54] **MOLECULES D'ANTICORPS SE LIANT A APRIL ET LEURS UTILISATIONS**
[72] MYETTE, JAMES R., US
[72] SHRIVER, ZACHARY HOLMES, US
[72] VISWANATHAN, KARTHIK, US
[72] WOLLACOTT, ANDREW M., US
[72] ADARI-HALL, HEDY, US
[72] RAMAKRISHNAN, BOOPATHY, US
[72] BABCOCK, GREGORY, US
[71] VISTERRA, INC., US
[85] 2018-05-23
[86] 2016-11-23 (PCT/US2016/063518)
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[30] US (62/259,897) 2015-11-25
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[54] **METHOD AND SYSTEM FOR MICROBIOME-DERIVED DIAGNOSTICS AND THERAPEUTICS FOR ORAL HEALTH**
[54] **METHODE ET SYSTEME DE DIAGNOSTICS DERIVES DU MICROBIOME ET TRAITEMENTS THERAPEUTIQUES POUR LA SANTE BUCCO-DENTAIRE**
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[72] RICHMAN, JESSICA, US
[72] ALMONACID, DANIEL, US
[72] BEHBAHANI, SIAVOSH REZVAN, US
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[54] **SYSTEMS AND METHODS OF TRACKING ITEM CONTAINERS AT A SHOPPING FACILITY**
[54] **SYSTEMES ET PROCEDES DE SUIVI DE RECEPTACLES D'ARTICLES AU NIVEAU D'UNE INSTALLATION COMMERCIALE**
[72] JONES, NICHOLAUS A., US
[72] JONES, MATTHEW A., US
[72] TAYLOR, ROBERT J., US
[71] WALMART APOLLO, LLC, US
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[54] **METHOD OF PREVENTING OR MITIGATING FORMATION OF METAL SULFIDE SCALES DURING OIL AND GAS PRODUCTION**
[54] **PROCEDE POUR EMPECHER OU ATTENUER LA FORMATION DE DEPOTS DE SULFURE METALLIQUE LORS DE LA PRODUCTION DE PETROLE ET DE GAZ**
[72] ARMSTRONG, CHARLES DAVID, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **ENSEMBLE LAISSE RETRACTABLE**
[72] MAX, NICHOLAS B., US
[72] REUTHER, GARY E., US
[71] THUNDERSHIRT, LLC, US
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[54] **MULTICOMPARTMENT LAYERED AND STACKABLE MICROFLUIDIC BIOREACTORS AND APPLICATIONS OF SAME**
[54] **BIOREACTEURS MICRO-FLUIDIQUES EMPILABLES ET SUPERPOSES A COMPARTIMENTS MULTIPLES ET LEURS APPLICATIONS**
[72] WIKSWO, JOHN P., US
[72] MARKOV, DMITRY A., US
[72] REISERER, RONALD S., US
[71] VANDERBILT UNIVERSITY, US
[85] 2018-05-23
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[54] **TRANS-IMPEDANCE AMPLIFIER FOR ULTRASOUND DEVICE AND RELATED APPARATUS AND METHODS**
[54] **AMPLIFICATEUR DE TRANSIMPEDANCE POUR DISPOSITIF A ULTRASONS, APPAREIL ET PROCEDES ASSOCIES**
[72] CHEN, KAILIANG, US
[72] FIFE, KEITH G., US
[72] SANCHEZ, NEVADA J., US
[72] CASPER, ANDREW J., US
[72] RALSTON, TYLER S., US
[71] BUTTERFLY NETWORK, INC., US
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[54] **LIGHTWEIGHT PROPPANT AND METHODS FOR MAKING AND USING SAME**
[54] **AGENT DE SOUTENEMENT LEGER ET SES PROCEDES DE FABRICATION ET D'UTILISATION**
[72] ROPER, TODD, US
[72] LIENG, THU, US
[72] OREKHA, OLATUNJI, US
[72] WOOLFOLK, WILLIAM SCOTT, US
[71] CARBO CERAMICS INC., US
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[54] **FEATHERING PROPELLER CLUTCH MECHANISMS**
[54] **MECANISMES D'EMBRAYAGE POUR HELICE A MISE EN DRAPEAU**
[72] SHIOSAKI, DOMINIC TIMOTHY, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-05-22
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[54] **TIME GAIN COMPENSATION CIRCUIT AND RELATED APPARATUS AND METHODS**
[54] **CIRCUIT DE COMPENSATION DE GAIN TEMPOREL ET APPAREIL ET PROCEDES ASSOCIES**
[72] CHEN, KAILIANG, US
[72] RALSTON, TYLER S., US
[71] BUTTERFLY NETWORK, INC., US
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[54] **HYBRID SYSTEM AND METHOD FOR PRODUCING A SUBSTANTIALLY NON-FOAMING AND FOAMING GAS-INFUSED BEVERAGES**
[54] **SYSTEME HYBRIDE ET PROCEDE DE PRODUCTION DE BOISSONS AVEC GAZ INJECTE SENSIBLEMENT NON MOUSSANTES ET MOUSSANTES**
[72] LUNDBERG, KENNETH, US
[72] COCHRAN, PAUL WESLEY, US
[72] BOYD, PETER EDWARD, US
[72] NIEDERMAN, ROBERT R., US
[72] ALLEN, WILLIAM J., US
[72] ANGAL, ADITYA JAYANT, US
[71] WELBILT, INC., US
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[54] **VEHICLE SPEED-BASED ANALYTICS**
[54] **ANALYSE BASEE SUR LA VITESSE D'UN VEHICULE**
[72] WALKER, MARY AMELIA, US
[72] CATRON, ROBERT, US
[72] HICKSON, NICHOLAS, US
[72] VAUGHAN, BRIAN, US
[72] MILNE, JAMES, US
[71] FREEPORT-MCMORAN INC., US
[85] 2018-05-22
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[54] **SHUTOFF SYSTEM FOR WATER VALVE**
[54] **SYSTEME DE COUPURE DESTINE A UNE VANNE D'EAU**
[72] SHARRATT, JASON, US
[72] WANG, TIANZHE, US
[72] MARSIC, MARTIN, US
[71] WAXMAN CONSUMER PRODUCTS GROUP INC., US
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[54] **SYSTEMS AND METHODS OF DETERMINING ROAD QUALITY**
[54] **SYSTEMES ET PROCEDES DE DETERMINATION DE LA QUALITE D'UNE ROUTE**
[72] WALKER, MARY AMELIA, US
[72] CATRON, ROBERT, US
[72] VAUGHAN, BRIAN, US
[72] LU, HUNG JUNG, US
[71] FREEPORT-MCMORAN INC., US
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[54] **VETERINARY FORMULATIONS**
[54] **FORMULATIONS VETERINAIRES**
[72] JEANNIN, PHILIPPE, FR
[71] MERIAL, INC., US
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[54] **SOUS-VETEMENT DE BAS DE CORPS DETACHABLE**
[72] CHEA, SARAH, US
[71] LOTUS BLOOMS COLLECTIVE, INC., US
[85] 2018-05-22
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[54] **UAV WITH WING-PLATE ASSEMBLIES PROVIDING EFFICIENT VERTICAL TAKEOFF AND LANDING CAPABILITY**
[54] **AERONEF SANS PILOTE DOTE D'ASSEMBLAGES DE PLAQUES D'AILE QUI ASSURENT UNE CAPACITE A DECOLLAGE ET D'ATTERRISSAGE VERTICAUX EFFICACES**
[72] WILLFORD, NEAL H., US
[71] AAI CORPORATION, US
[85] 2018-05-23
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[54] **SYSTEMS AND METHODS FOR RELEASING A PORTION OF A DRILL STRING FROM A DRILLING CABLE**
[54] **SYSTEMES ET PROCEDES DE LIBERATION D'UNE PARTIE D'UN TRAIN DE TIGES D'UN CABLE DE FORAGE**
[72] DRENTH, CHRISTOPHER L., CA
[72] LACHANCE, ANTHONY, CA
[72] LAUZON, MICHEL, CA
[71] BLY IP, INC., US
[85] 2018-05-23
[86] 2016-12-14 (PCT/US2016/066608)
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[25] EN
[54] **METHODS FOR PREPARING SUBSTITUTED 5,6-DIHYDRO-6-PHENYLBENZO[F]ISOQUINOLIN-2-AMINE**
[54] **PROCEDES DE PREPARATION DE 5,6-DIHYDRO-6-PHENYLBENZO[F]ISOQUINOLEI NE-2-AMINE SUBSTITUEE**
[72] BATES, CRAIG, US
[72] REED, DAVID P., US
[72] MAO, JIANMIN, US
[71] ARQULE, INC., US
[85] 2018-05-23
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[54] **PROTEINES DE FUSION DE DMDV ET E2 ET LEURS UTILISATIONS**
[72] AUDONNET, JEAN-CHRISTOPHE, FR
[72] REYNARD, FREDERIC, FR
[72] BOMCHIL, NATALIA, FR
[72] SIGOILLOT-CLAUDE, CECILE, FR
[71] MERIAL, INC., US
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[54] **DESTABILISATION ACIDE D'ENDUIT ELASTOMERE POUR TOITURE**
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[72] RAND, CHARLES J., US
[72] SZEWCZYK, JANAH C., US
[71] ROHM AND HAAS COMPANY, US
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[51] **Int.Cl. A01H 1/04 (2006.01) A01H 5/00 (2018.01) C12Q 1/68 (2018.01)**
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[54] **METHODS FOR PRODUCING CORN PLANTS WITH NORTHERN LEAF BLIGHT RESISTANCE AND COMPOSITIONS THEREOF**
[54] **PROCEDES DE PRODUCTION DE PLANTS DE MAIS PRESENTANT UNE RESISTANCE A LA BRULURE DES FEUILLES DU MAIS ET COMPOSITIONS ASSOCIEES**
[72] BOURDONCLE, WILLIAM J., US
[72] CHOPIN, FRANCK J., US
[72] FOUQUET, ROMAIN, US
[72] GIOVANINI, MARCELO P., US
[72] MALONEY, PETER V., US
[72] PAN, YULE, US
[71] MONSANTO TECHNOLOGY LLC, US
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[51] **Int.Cl. C07D 239/84 (2006.01) A61K 31/517 (2006.01)**
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[54] **SOLID FORMS OF SUBSTITUTED 5,6-DIHYDRO-6-PHENYLBENZO[F]ISOQUINOLIN-2-AMINE COMPOUNDS**
[54] **FORMES SOLIDES DE COMPOSES 5,6-DIHYDRO-6-PHENYLBENZO[F]ISOQUINOLEINE-2-AMINE SUBSTITUEE**
[72] BATES, CRAIG, US
[72] REED, DAVID P., US
[71] ARQULE, INC., US
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[54] **DRILL ROD CLAMPING SYSTEM AND METHODS OF USING SAME**
[54] **SYSTEME DE SERRAGE DE TIGE DE FORAGE ET SES PROCEDES D'UTILISATION**
[72] RITTER, DAVID ROBERT, CA
[72] WRIGHT, CHRISTOPHER ALLEN, CA
[72] MARKHAM, ANTHONY CHARLES WILLIAM, CA
[71] BLY IP INC., US
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[54] **HAIR COLORING VARIEGATION DEVICE AND METHOD OF USE**
[54] **DISPOSITIF DE VARIEGATION POUR COLORATION CAPILLAIRE, ET PROCEDE D'UTILISATION**
[72] ELLIOTT, FRANKLIN, US
[71] EB TECHNOLOGIES, LLC, US
[85] 2018-05-24
[86] 2016-11-23 (PCT/US2016/063498)
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[54] **DUST CONTROL FORMULATIONS**
[54] **FORMULATIONS POUR LE CONTROLE DES POUSSIERES**
[72] AYAMBEM, AMBA, US
[72] KENT, DANIEL B., US
[71] HENRY COMPANY, LLC, US
[85] 2018-05-24
[86] 2016-12-14 (PCT/US2016/066573)
[87] (WO2017/106289)
[30] US (62/266,778) 2015-12-14
[30] US (15/197,047) 2016-06-29
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[54] **EXOTHERMIC REACTION ANALYSIS BY PRE-REACTION SAMPLE RETENTION**
[54] **ANALYSE DE REACTION EXOTHERMIQUE PAR CONSERVATION D'ECHANTILLON DE PRE-REACTION**
[72] BURGESS, DARREN R., US
[72] GREENWALD, MICHAEL RAYMOND, US
[72] BARBEE, BRENT W., US
[71] IH IP HOLDINGS LIMITED, GB
[85] 2018-05-24
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[54] **METHOD EMPLOYING BISPECIFIC PROTEIN COMPLEX**
[54] **PROCEDE UTILISANT UN COMPLEXE PROTEIQUE BISPECIFIQUE**
[72] FINNEY, HELENE MARGARET, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2018-05-23
[86] 2016-12-01 (PCT/EP2016/079444)
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[51] **Int.Cl. H02J 13/00 (2006.01)**
[25] FR
[54] **UPDATING A TOPOLOGY OF A DISTRIBUTION NETWORK BY SUCCESSIVE REALLOCATION OF THE COUNTERS**
[54] **MISE A JOUR D'UNE TOPOLOGIE D'UN RESEAU DE DISTRIBUTION PAR REATTRIBUTION SUCCESSIVE DES COMPTEURS**
[72] LEONARD, FRANCOIS, CA
[72] ZINFLOU, ARNAUD, CA
[71] HYDRO-QUEBEC, CA
[85] 2018-05-23
[86] 2016-12-14 (PCT/CA2016/051470)
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[30] CA (2915674) 2015-12-17

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[25] EN
[54] **APPARATUS AND METHODS FOR DIRECT SENSING OF ROTATIONAL DYNAMICS OF A ROTATING SHAFT**
[54] **APPAREIL ET PROCEDES DE DETECTION DIRECTE DE DYNAMIQUE DE ROTATION D'UN ARBRE ROTATIF**
[72] HESLER, STEPHEN, US
[72] SUPROCK, CHRISTOPHER, US
[71] ELECTRIC POWER RESEARCH INSTITUTE, INC., US
[85] 2018-05-23
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[30] US (62/259,609) 2015-11-24

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[25] EN
[54] **METHOD AND APPARATUS FOR AN AIRBORNE DRONE TRAINING TRACK**
[54] **PROCEDE ET APPAREIL POUR PISTE D'ENTRAINEMENT DE DRONE AERIEN**
[72] HIGH, DONALD R., US
[72] NATARAJAN, CHANDRASHEKAR, US
[72] THOMPSON, JOHN P., US
[72] ATCHLEY, MICHAEL D., US
[71] WALMART APOLLO, LLC, US
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[30] US (62/247,010) 2015-10-27

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[54] **ANTI-COMPLEMENT FACTOR C1Q FAB FRAGMENTS AND USES THEREOF**
[54] **FRAGMENTS FAB ANTI-COMPLEMENT DE FACTEUR C1Q ET LEURS UTILISATIONS**
[72] YEDNOCK, TED, US
[72] SANKARANARAYANAN, SETHU, US
[72] ROSENTHAL, ARNON, US
[72] LEVITEN, MICHAEL, US
[71] ANNEXON, INC., US
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[86] 2016-11-23 (PCT/US2016/063587)
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[30] US (62/259,227) 2015-11-24

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[25] EN
[54] **MODELING OF SYSTEMATIC IMMUNITY IN PATIENTS**
[54] **MODELISATION D'IMMUNITE SYSTEMATIQUE CHEZ DES PATIENTS**
[72] TURNER, JAMES D., US
[72] FRISCH, HAROLD P., US
[72] MARKOVIC, SVETOMIR N., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[71] TURNER, JAMES D., US
[71] FRISCH, HAROLD P., US
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[54] **A CABLE-DRIVEN ROBOT FOR LOCOMOTOR REHABILITATION OF LOWER LIMBS**
[54] **ROBOT ENTRAINE PAR CABLES POUR LA REEDUCATION LOCOMOTRICE DES MEMBRES INFERIEURS**
[72] BADI, ABDELHAK, CA
[72] SAAD, MAAROUF, CA
[72] GAUTHIER, GUY, CA
[72] ARCHAMBAULT, PHILIPPE, CA
[71] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
[71] ARCHAMBAULT, PHILIPPE, CA
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[25] EN
[54] **METHOD FOR PRODUCING PROPYLENE GLYCOL FROM PROPENE AND HYDROGEN PEROXIDE**
[54] **PROCEDE DE PREPARATION DE 1,2-PROPANEDIOL A PARTIR DE PROPENE ET DE PEROXYDE D'HYDROGENE**
[72] WIEDERHOLD, HOLGER, DE
[72] BOLZ, DAVID, DE
[72] JAEGER, BERND, DE
[72] KOHLE, HANS-JURGEN, DE
[72] IMM, SEBASTIAN, DE
[72] THIELE, GEORG FRIEDRICH, DE
[71] EVONIK DEGUSSA GMBH, DE
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[86] 2016-11-01 (PCT/EP2016/076270)
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[25] EN
[54] **FIBRE OPTIC ACCELERATION SENSOR**
[54] **CAPTEUR D'ACCELERATION A FIBRE OPTIQUE**
[72] AEBI, LAURENT, CH
[72] TORMEN, MAURIZIO, CH
[72] TIMOTIJEVIC, BRANISLAV, CH
[72] PETREMAND, YVES, CH
[72] BAYAT, DARA, CH
[72] LUTZELSCHWAB, MARKUS, CH
[71] MC-MONITORING S.A., CH
[85] 2018-05-23
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[54] **IMPROVED SIGNALING DEVICE**
[54] **DISPOSITIF DE SIGNALISATION PERFECTIONNE**
[72] PINGREE, CHARLES, FR
[71] COSMO-CONNECTED, FR
[85] 2018-05-23
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[25] EN
[54] **METHODS FOR FORMING 3D IMAGE DATA AND ASSOCIATED APPARATUSES**
[54] **PROCEDES DE FORMATION DE DONNEES D'IMAGE 3D ET APPAREILS ASSOCIES**
[72] GALLAGHER, ANTHONY, GB
[72] ROBINSON, ALEXANDER, GB
[71] PBU (UK) LTD, GB
[85] 2018-05-24
[86] 2016-11-15 (PCT/EP2016/077750)
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[54] **POLYMERIC KEG CONNECTOR**
[54] **RACCORD DE FUT POLYMERE**
[72] VALLES, VANESSA, BE
[72] VANDEKERCKHOVE, STIJN, BE
[71] ANHEUSER-BUSCH INBEV S.A., BE
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[54] **ANTIBIOTIC FIIRV 104/18 COMPLEX AND THE ISOLATED INDIVIDUAL FACTORS THEREOF**
[54] **COMPLEXE ANTIBIOTIQUE FIIRV 104/18 ET FACTEURS INDIVIDUELS ISOLES DE CE DERNIER**
[72] CARRANO, LUCIA, IT
[72] ABBONDI, MONICA, IT
[72] CARENZI, GIACOMO, IT
[72] BRUNATI, MARA, IT
[72] SIGURTA', ALESSANDRO, IT
[72] TARAVELLA, ANNA, IT
[72] TURCONI, PAOLA, IT
[72] CANDIANI, GIANPAOLO, IT
[71] FONDAZIONE ISTITUTO INSUBRICO DI RICERCA PER LA VITA, IT
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[54] **METHOD AND APPARATUS FOR THE INSPECTION OR OPERATIONAL OBSERVATION OF DANGEROUS, HARSH SPACES OR SPACES WITH HOSTILE ENVIRONMENTAL CONDITIONS**
[54] **PROCEDE ET APPAREIL D'INSPECTION OU D'OBSERVATION FONCTIONNELLE D'ESPACES DANGEREUX OU RUDES OU D'ESPACES A CONDITIONS ENVIRONNEMENTALES HOSTILES**
[72] MORI, CRISTIAN, US
[72] MEMOLI, FRANCESCO, US
[71] TENOVA S.P.A., IT
[85] 2018-05-24
[86] 2016-12-15 (PCT/EP2016/081149)
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[54] **METHOD OF ESTIMATING AN ATTITUDE OF A CONTROL DEVICE FOR CONTROLLING OPERATING MACHINES**
[54] **PROCEDE D'ESTIMATION D'ATTITUDE D'UN DISPOSITIF DE COMMANDE DESTINE A COMMANDER DES MACHINES DE TRAVAIL**
[72] VINATI, FELICE, IT
[72] VINATI, SAMUELE, IT
[72] VINATI, MATTEO, IT
[72] VINATI, MARIACHIARA, IT
[72] VINATI, GIACOMO, IT
[72] PREVIDI, FABIO, IT
[72] COLOGNI, ALBERTO, IT
[72] ERMIDORO, MICHELE, IT
[72] BORTOLOTTI, LUCA, IT
[71] VINATI S.R.L., IT
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[25] EN
[54] **FINELY DIVIDED, CATIONIC, AQUEOUS POLYMER DISPERSIONS, METHOD FOR THE PRODUCTION THEREOF, AND THE USE THEREOF**
[54] **DISPERSIONS AQUEUSES, CATIONIQUES, FINEMENT DIVISEES DE POLYMERES, PROCEDE POUR LEUR PREPARATION ET UTILISATION CORRESPONDANTE**
[72] CIMPEANU, CARMEN-ELENA, DE
[72] MOELLER, KLAUS, DE
[72] ARNOLD, PETRA, DE
[72] GEORGIEVA, KRISTINA, DE
[72] DIEING, REINHOLD, DE
[72] JEHN-RENDU, CHRISTIAN, DE
[72] WEN, QUAN, CN
[71] BASF SE, DE
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[54] **APPARATUS AND METHOD FOR LABELING INDIVIDUAL PRODUCTS**
[54] **PROCEDE ET DISPOSITIF D'ETIQUETAGE DE PRODUITS INDIVIDUELS**
[72] VICKTORIUS, WINFRIED, DE
[72] WOLFF, PETER, DE
[72] TREDER, RALF THOMAS, DE
[72] VAN ROOZENDAAL, ANDREAS MATHEUS ADRIANUS, DE
[71] ESPERA-WERKE GMBH, DE
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[54] **DIAGNOSTIC TEST WITH LATERAL FLOW TEST STRIP**
[54] **TEST DE DIAGNOSTIC AVEC BANDELETTE DE TEST A ECOULEMENT LATERAL**
[72] PAREKH, GITA, GB
[71] MOLOGIC LTD, GB
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[54] **CULINARY SEASONING OR BOUILLON TABLET**
[54] **TABLETTE CULINAIRE D'ASSAISONNEMENT OU DE BOUILLON**
[72] HABEYCH NARVAEZ, EDWIN ALBERTO, CH
[72] GALAFFU, NICOLA, FR
[72] MICHEL, MARTIN, CH
[71] NESTEC S.A., CH
[85] 2018-05-23
[86] 2016-10-31 (PCT/EP2016/076211)
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[25] EN
[54] **COATING SOLUTIONS, COATINGS FORMED THEREFROM, AND COATED MEDICAL DEVICES**
[54] **SOLUTIONS DE REVETEMENT, REVETEMENTS FORMES A PARTIR DE CELLES-CI ET DISPOSITIFS MEDICAUX REVETUS**
[72] RHODES, ALAN, GB
[72] HUDDART, BETHANY SHEILA, GB
[71] BIOINTERACTIONS LTD., GB
[85] 2018-05-23
[86] 2016-11-24 (PCT/GB2016/000209)
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[25] EN
[54] **LIPID COMPOUNDS AND COMPOSITIONS AND THEIR OPTHALMIC USE**
[54] **COMPOSES LIPIDIQUES ET COMPOSITIONS ASSOCIEES ET LEUR UTILISATION OPHTALMIQUE**
[72] HOLMEIDE, ANNE KRISTIN, NO
[71] BIOZEP AS, NO
[85] 2018-05-23
[86] 2016-11-30 (PCT/GB2016/053769)
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[30] GB (1521085.9) 2015-11-30

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[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 50/08 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ASSISTING INSTALLATION OF ELEMENTS IN A CONSTRUCTION WORK**
[54] **PROCEDE ET SYSTEME D'AIDE A L'INSTALLATION D'ELEMENTS DANS UN TRAVAIL DE CONSTRUCTION**
[72] STUBLER, JEROME, FR
[72] SAUVIAT, CEDRIC, FR
[71] VINCI CONSTRUCTION, FR
[85] 2018-05-23
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[51] **Int.Cl. A61K 9/14 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING A POTENT INHIBITOR OF URAT1**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN INHIBITEUR PUISSANT D'URAT1**
[72] REILAND WAKEMAN, JOANNE, US
[72] ROWLINGS, COLIN, US
[72] LIU, SHA, US
[72] BURKE, GERRY, US
[72] VON CORSWANT, CHRISTIAN, SE
[72] TANNERGREN, CHRISTER, SE
[72] HJARTSTAM, JOHAN, SE
[71] ARDEA BIOSCIENCES, INC., US
[71] ASTRAZENECA AB, SE
[85] 2018-05-23
[86] 2016-12-07 (PCT/EP2016/080111)
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[25] EN
[54] **AGENTS FOR THE TREATMENT OF DISEASES ASSOCIATED WITH UNDESIRED CELL PROLIFERATION**
[54] **AGENTS POUR LE TRAITEMENT DE MALADIES ASSOCIEES A UNE PROLIFERATION CELLULAIRE NON SOUHAITEE**
[72] SEOANE SUAREZ, JOAN, ES
[72] SOTO SIMON, ATENEA, ES
[72] SALA HOJMAN, ADA, ES
[72] HUBER RUANO, ISABEL, ES
[72] CHIGANCAS, VANESA, ES
[72] ANIDO FOLGUEIRA, JUDIT, ES
[71] FUNDACIO PRIVADA INSTITUT D'INVESTIGACIO ONCOLOGICA DE VALL HEBRON, ES
[71] INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS, ES
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[25] FR
[54] **HEATING APPARATUS INCLUDING ELECTRICAL ENERGY STORAGE BATTERIES**
[54] **APPAREIL DE CHAUFFAGE INCLUANT DES BATTERIES DE STOCKAGE DE L'ENERGIE ELECTRIQUE**
[72] MEYER, RAPHAEL, FR
[71] LANCEY ENERGY STORAGE S.A.S., FR
[85] 2018-05-23
[86] 2016-11-28 (PCT/IB2016/057160)
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[30] FR (1561615) 2015-11-30

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[51] **Int.Cl. C08J 5/24 (2006.01) C08G 59/22 (2006.01)**
[25] EN
[54] **TOW PREPREG, COMPOSITE MATERIAL-REINFORCED PRESSURE VESSEL, AND METHOD OF PRODUCING COMPOSITE MATERIAL-REINFORCED PRESSURE VESSEL**
[54] **PREIMPREGNE DE CABLE, ET RECIPIENT SOUS PRESSION RENFORCE PAR UN MATERIAU COMPOSITE AINSI QUE PROCEDE DE FABRICATION DE CELUI-CI**
[72] OKAMOTO, SATOSHI, JP
[72] HARADA, YUKIHIRO, JP
[71] MITSUBISHI CHEMICAL CORPORATION, JP
[85] 2018-05-23
[86] 2016-12-06 (PCT/JP2016/086187)
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[30] JP (2015-240729) 2015-12-10
[30] JP (2015-240730) 2015-12-10

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[25] EN
[54] **CONTAINER FOR PASTY OR SEMI-LIQUID PRODUCTS**
[54] **RECIPIENT POUR PRODUITS PATEUX OU SEMI-LIQUIDES**
[72] GHINI, MARCO, IT
[72] NEGRINI, STEFANO, IT
[71] G.D S.P.A., IT
[85] 2018-05-23
[86] 2016-11-29 (PCT/IB2016/057185)
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[51] **Int.Cl. G02B 1/00 (2006.01) G03F 1/50 (2012.01) G02B 27/42 (2006.01) H01L 31/02 (2006.01)**
[25] EN
[54] **ATOMIC LAYER DEPOSITION PROCESS FOR FABRICATING DIELECTRIC METASURFACES FOR WAVELENGTHS IN THE VISIBLE SPECTRUM**
[54] **PROCEDE DE DEPOT DE COUCHE ATOMIQUE POUR FABRIQUER DES METASURFACES DIELECTRIQUES POUR LONGUEURS D'ONDE DANS LE SPECTRE VISIBLE**
[72] DEVLIN, ROBERT C., US
[72] KHORASANINEJAD, MOHAMMADREZA, US
[72] CAPASSO, FEDERICO, US
[72] PARK, HONGKUN, US
[72] HIGH, ALEXANDER ARTHUR, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[51] **Int.Cl. F16F 9/14 (2006.01)**
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[54] **POSITION-RELATIVE DAMPER ASSIST SYSTEM**
[54] **SYSTEME D'ASSISTANCE D'AMORTISSEUR PAR RAPPORT A LA POSITION**
[72] LAMOUREUX, MARTIN, CA
[72] DENEAULT, PIERRE-YVES, CA
[72] PORLIER, CLAUDE, CA
[72] VAN HEE, DANIEL, CA
[71] ELKA SUSPENSION INC., CA
[71] HORSTMAN SYSTEMS INC., CA
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[51] **Int.Cl. C12N 9/64 (2006.01) C12N 9/72 (2006.01) C12N 9/74 (2006.01)**
[25] EN
[54] **RECOMBINANT SERINE PROTEASES**
[54] **SERINE PROTEASES RECOMBINEES**
[72] VERHOEF, DANIEL, NL
[72] REITSMA, PIETER H., NL
[72] BOS, METTINE H.A., NL
[71] ACADEMISCH ZIEKENHUIS LEIDEN, NL
[85] 2018-05-23
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[87] (WO2017/091074)
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[51] **Int.Cl. A61K 35/745 (2015.01)**
[25] EN
[54] **BIFIDOBACTERIUM LONGUM FOR TREATING OBESITY AND ASSOCIATED METABOLIC DISORDERS**
[54] **BIFIDOBACTERIUM LONGUM POUR TRAITER L'OBESITE ET LES TROUBLES METABOLIQUES ASSOCIES**
[72] KIELY, BARRY, IE
[72] MURPHY, EILEEN FRANCES, IE
[72] HEALY, SELENA, IE
[71] ALIMENTARY HEALTH LIMITED, IE
[85] 2018-05-23
[86] 2016-12-09 (PCT/EP2016/080454)
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[51] **Int.Cl. A61K 31/7012 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) A61P 25/28 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING 4'-O-GLUCURONIDE EPICATECHIN AND METHODS OF MAKING AND USING SUCH COMPOSITIONS**
[54] **COMPOSITIONS COMPRENANT DE LA 4'-O-GLUCURONIDE EPICATECHINE, ET PROCEDES DE FABRICATION ET METHODES D'UTILISATION DE TELLES COMPOSITIONS**
[72] ACTIS GORETTA, LUCAS, SG
[72] PATIN, AMAURY, CH
[72] MICHLIG GONZALEZ, STEPHANIE, CH
[72] CAMACHO, SUSANA, CH
[72] LEGRAND, COLINE, CH
[72] LE COUTRE, JOHANNES, CH
[72] CASTANEDA GUTIERREZ, EURIDICE, CH
[72] SILVA ZOLEZZI, IRMA, CH
[71] NESTEC S.A., CH
[85] 2018-05-22
[86] 2016-12-15 (PCT/EP2016/081230)
[87] (WO2017/102968)
[30] US (62/268,147) 2015-12-16
[30] US (62/286,688) 2016-01-25

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[51] **Int.Cl. E21B 33/12 (2006.01) C22C 21/00 (2006.01) E21B 23/06 (2006.01)**
[25] EN
[54] **GALVANIC DEGRADABLE DOWNHOLE TOOLS COMPRISING DOPED ALUMINUM ALLOYS**
[54] **OUTILS DE FOND DE TROU DEGRADABLES DE FACON GALVANIQUE COMPRENANT DES ALLIAGES D'ALUMINIUM DOPES**
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-05-23
[86] 2016-02-02 (PCT/US2016/016195)
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[51] **Int.Cl. A61K 31/352 (2006.01) A61K 31/192 (2006.01)**
[25] EN
[54] **CANNABIS OIL COMPOSITIONS AND METHODS FOR PREPARATION THEREOF**
[54] **COMPOSITIONS D'HUILE DE CANNABIS ET LEURS PROCEDES DE PREPARATION**
[72] FINLEY, CONSTANCE, US
[72] BESTWICK, HALEY POOLE, US
[71] CONSTANCE THERAPEUTICS, INC., US
[85] 2018-05-23
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[72] COOK, DAVID, US
[72] HENN, MATTHEW, US
[72] MCKENZIE, MARY-JANE LOMBARDO, US
[72] LITCOFSKY, KEVIN, US
[72] MARTINEZ, ASUNCION, US
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[72] NANDAKUMAR, MADHUMITHA, US
[72] VULIC, MARIN, US
[72] WORTMAN, JENNIFER, US
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[72] BARROW, JAMES, US
[72] ERNST, GLEN, US
[72] SWINNEN, DOMINIQUE, BE
[72] MONTEL, FLORIAN, DE
[72] DEFAYS, SABINE, BE
[72] HUANG, YIFANG, US
[72] DE LEON, PABLO, US
[72] POSLUSNEY, MICHAEL STEVEN, US
[71] LIEBER INSTITUTE FOR BRAIN DEVELOPMENT, US
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[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DE LA DORAVIRINE, DU FUMARATE DE TENOFOVIR DISOPROXIL ET DE LA LAMIVUDINE**
[72] PANMAI, SANTIPHARP, US
[72] TATAVARTI, ADITYA, US
[72] FARRINGTON, ANDREW M., US
[72] BIYYALA, VARSHA, US
[72] ALLAIN, LEONARDO R., US
[72] NEFLIU, MARCELA, US
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[54] **CATALYSEURS DE CRAQUAGE CATALYTIQUE FLUIDE POUR AUGMENTER LES RENDEMENTS DE BUTYLENE**
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[71] BASF CORPORATION, US
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE SUIVRE LES PREFERENCES GUSTATIVES DE CONSOMMATEURS**
[72] AXELSSON, KATERINA, US
[72] DEKHTYAR, ALEXANDER, US
[72] KUBOI, TOSHIHIRO, US
[72] KHOSMOOD, FOAAD, US
[72] LANUZA, EVAN, US
[72] SCOTT, TIMOTHY, US
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[54] **DEVICES AND METHODS FOR SAMPLE CHARACTERIZATION**
[54] **DISPOSITIFS ET PROCEDES DE CARACTERISATION D'ECHANTILLON**
[72] GENTALEN, ERIK T., US
[71] INTABIO, INC., US
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[54] **THERAPIE DE REMPLACEMENT RENAL IMPLANTABLE**
[72] AHMADI, MORTEZA, US
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[54] **COMPOSITIONS AND METHODS OF TRANSDERMAL DELIVERY FOR THERAPEUTIC AGENTS**
[54] **COMPOSITIONS ET PROCEDES D'ADMINISTRATION TRANSDERMIQUE D'AGENTS THERAPEUTIQUES**
[72] CAVALLINO, CHARLES L., US
[72] GITES, BORIS, US
[72] POLANSKY, JIM, US
[71] CAVALLINO, CHARLES L., US
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[54] **IMPROVED APELIN RECEPTOR (APJ) AGONISTS AND USES THEREOF**
[54] **AGONISTES AMELIORES DU RECEPTEUR DE L'APELINE (APJ) ET LEURS UTILISATIONS**
[72] RUNYON, SCOTT P., US
[72] MAITRA, RANGAN, US
[72] NARAYANAN, SANJU, US
[72] THOMAS, JAMES BARNWELL, US
[72] REHDER, KENNETH S., US
[72] OLEPU, SRINIVAS, US
[71] RESEARCH TRIANGLE INSTITUTE, US
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[54] **PROCEDES ET APPAREIL POUR ETALONNER DES CONTROLEURS DE POMPE A TIGE**
[72] MILLS, THOMAS MATTHEW, US
[71] BRISTOL, INC., D/B/A REMOTE AUTOMATION SOLUTIONS, US
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[54] **ELECTRONIC TRACKING AND MONITORING OF TRANSIT AND CONDITION STATUS OF BIOLOGICAL PRODUCTS**
[54] **SURVEILLANCE ET SUIVI ELECTRONIQUES DU TRANSIT ET DE L'ETAT DE CONDITION DE PRODUITS BIOLOGIQUES**
[72] CAPELLI, FRANCO IVAN, IT
[72] MANOLIOS, JIM, AU
[72] CADEI, RAOUL, IT
[71] HAEMOKINESIS PTY. LTD., AU
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[72] MARSHALL, BARRY, AU
[71] INFAGEN (HONG KONG) LIMITED, CN
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[71] COOBX AG, LI
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[54] **METHOD AND APPARATUS FOR AVOIDING FROST OR ICE BUILD-UP ON EXHAUST VENTS AND AIR INTAKES OF CONDENSING APPLIANCES**
[54] **PROCEDE ET APPAREIL PERMETTANT D'EVITER L'ACCUMULATION DE GIVRE OU DE GLACE SUR DES EVENTS D'EVACUATION ET DES PRISES D'AIR D'APPAREILS DE CONDENSATION**
[72] WEIR, LESLEY W., CA
[72] WERT, KEVIN (DECEASED), ZZ
[71] FROSTFREE VENTING INC., CA
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[54] **ELEMENT D'ETANCHEITE DESTINE A UNE UTILISATION ENTRE UN ELEMENT DE SOLIN ET UN MATERIAU DE COUVERTURE, KIT DE SOLIN POURVU DE CET ELEMENT D'ETANCHEITE, ET PROCEDE DE PROTECTION DUJOINT CONTRE LES INTEMPERIES ENTRE UN TOIT D'UN BATIMENT ET UNE STRUCTURE DE PENETRATION DE TOIT**
[72] THOMSEN, CARSTEN, DK
[72] MIKKELSEN, CHRISTIAN MUNK, DK
[71] VKR HOLDING A/S, DK
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[54] **MATERIAU COMPOSITE PERMETTANT LA DETECTION D'ESPECES CHIMIQUES**
[72] DUBUS, SEBASTIEN, CA
[72] CARON, SERGE, CA
[72] LE HOUCH, NOLWENN, CA
[72] PROULX, ANTOINE, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
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[54] **BITUMEN COMPOSITIONS COMPRISING LIGNIN**
[54] **COMPOSITIONS DE BITUME COMPRENANT DE LA LIGNINE**
[72] LE, DUY MICHAEL, DK
[72] FOVERSKOV, MIA FROSCH MOGENSBAEK, DK
[71] INBICON A/S, DK
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[54] **DISPOSITIF ET PROCEDE D'EJECTION D'AU MOINS UNE CAPSULE D'UN PORTE-CAPSULE**
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[72] KUHNERT, TIMO, DE
[71] HARRO HOFLIGER VERPACKUNGSMASCHINEN GMBH, DE
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[72] DE PAEPE, LODE, BE
[71] BARCO NV, BE
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[54] **EMBALLAGE EN MOUSSE METALLIQUE POUR CHARGE FACONNEE**
[72] MCNELIS, LIAM, DE
[72] PREISS, FRANK HARON, DE
[72] LOHKEN, JORN OLAF, DE
[72] SHAHINPOUR, ARASH, DE
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[72] CECH, CYNTHIA, US
[72] CRAIG, TIMOTHY KELLOGG, US
[72] AYER, ARUNA, US
[72] DHIMAN, KIRTI, US
[72] CHECHELSKI JOHNSTON, NATALIE B., US
[72] MABRY, JOSHUA N., US
[72] BIBILLO, ARKADIUSZ, US
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[54] **PROCEDE D'INACTIVATION DE HETERO-ANTIGENES DANS DES TISSUS BIOLOGIQUES**
[72] NASO, FILIPPO, IT
[72] GANDAGLIA, ALESSANDRO, IT
[71] BIOCOMPATIBILITY INNOVATION SRL, IT
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[54] **POLYPEPTIDES BIPARATOPIQUES AYANT UN EFFET ANTAGONISTE SUR LA SIGNALISATION WNT DANS DES CELLULES TUMORALES**
[72] ZINZALLA, VITTORIA, DE
[72] KUENKELE, KLAUS-PETER, DE
[72] BUYSE, MARIE-ANGE, BE
[72] CROMIE, KAREN, BE
[72] STAELENS, STEPHANIE, BE
[72] STRUBBE, BEATRIJS, BE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **PROCESS FOR MANUFACTURING A PRECURSOR MATERIAL**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU PRECURSEUR**
[72] HENDRIX, SANDRA, NL
[72] BALLIET, WIM, BE
[72] MALETRAS, LUCILE, NL
[71] SAPPI NETHERLANDS SERVICES B.V., NL
[85] 2018-05-24
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[54] **CRYSTALLIZATION PROCEDURE FOR OBTAINING CANAGLIFLOZIN HEMIHYDRATE CRYSTALS**
[54] **PROCEDE DE CRISTALLISATION POUR OBTENIR DES CRISTAUX DE CANAGLIFLOZINE HEMIHYDRATE**
[72] DE KEYSER, RUBEN, BE
[72] LAPS, STIJN, BE
[72] RAMMELOO, THOMAS JOACHIM LANDEWALD, BE
[72] WEERTS, KOEN JOHAN HERMAN, BE
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **ARTICLE DE GENERATION D'AEROSOL CASSABLE**
[72] MALGAT, ALEXANDRE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
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[54] **ARTICLE DE PRODUCTION D'AEROSOL COMPRENANT UN INDICATEUR THERMIQUE**
[72] LAVANCHY, FREDERIC, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **BASE DE LIT REPLIABLE**
[72] BITZOUNIS, ARTHUR, ZA
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[71] QASIM, MOHAMMED ASIF, ZA
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[25] EN
[54] **CONJUGATES COMPRISING SELF-IMMOLATIVE GROUPS AND METHODS RELATED THERETO**
[54] **CONJUGUES COMPRENANT DES GROUPES AUTO-IMMOLABLES ET PROCEDES ASSOCIES**
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[72] OH, YEONG SOO, KR
[72] CHAE, JEIWOOK, KR
[72] SONG, HO YOUNG, KR
[72] CHUNG, CHUL-WOONG, KR
[72] PARK, YUN HEE, KR
[72] CHOI, HYO JUNG, KR
[72] PARK, KYUNG EUN, KR
[72] KIM, HYOUNGRAE, KR
[72] KIM, JINYEONG, KR
[72] MIN, JI YOUNG, KR
[72] KIM, SUNG MIN, KR
[72] LEE, BYUNG SOO, KR
[72] WOO, DONG HYUN, KR
[72] JUN, JI EUN, KR
[72] LEE, SU IN, KR
[71] LEGOCHEM BIOSCIENCES, INC., KR
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[54] **COFFEE DISPENSING APPARATUS**
[54] **APPAREIL DE DISTRIBUTION DE CAFE**
[72] MALKIN, HUGH, GB
[72] BULLOCK, TIMOTHY CHARLES, GB
[72] GUTSELL, GRAHAM SCOTT, GB
[72] GEORGE, IAN MICHEAL RIORDEN, GB
[72] HASTINGS, NICHOLAS JAMES, GB
[71] CAMBDEV LIMITED, GB
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[54] **MACHINE DE MOULAGE, PROCEDE DE FABRICATION ET MATERIAU DE RESINE RENFORCE PAR DES FIBRES**
[72] FUJITA, NAOHIRO, JP
[72] MORINO, KAZUHIDE, JP
[72] INADOME, MASATO, JP
[72] GOKE, MASAYOSHI, JP
[72] ARAGANE, YOSUKE, JP
[72] KIMURA, TOMO, JP
[72] KIMURA, GAKU, JP
[72] SUKEMUNE, TAKESHI, JP
[72] OKUBO, AKINORI, JP
[71] ADEKA CORPORATION, JP
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[54] **POLLEN DENATURATION COATING COMPOSITON FOR FABRICS**
[54] **COMPOSITION DE REVETEMENT DE DENATURATION DE POLLEN POUR TISSUS**
[72] BIRTLES, STEPHEN, GB
[71] LOUVER-LITE LIMITED, GB
[85] 2018-05-24
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[54] **CONJUGUES COMPRENANT DES GROUPES PEPTIDIQUES ET PROCEDES ASSOCIES A CEUX-CI**
[72] KIM, YONG ZU, KR
[72] OH, YEONG SOO, KR
[72] CHAE, JEIWOOK, KR
[72] SONG, HO YOUNG, KR
[72] CHUNG, CHUL-WOONG, KR
[72] PARK, YUN HEE, KR
[72] CHOI, HYO JUNG, KR
[72] PARK, KYUNG EUN, KR
[72] KIM, HYOUNGRAE, KR
[72] KIM, JINYEONG, KR
[72] MIN, JI YOUNG, KR
[72] KIM, SUNG MIN, KR
[72] LEE, BYUNG SOO, KR
[72] WOO, DONG HYUN, KR
[72] JUNG, JI EUN, KR
[72] LEE, SU IN, KR
[71] LEGOCHEM BIOSCIENCES, INC., KR
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[54] **RESINE POLYAMIDE, ARTICLE MOULE ET PROCEDE DE PRODUCTION D'UNE RESINE POLYAMIDE**
[72] KATO, TOMONORI, JP
[72] KOBAYASHI, MASAYUKI, JP
[71] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
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[54] **ANTIBODY-DRUG CONJUGATES COMPRISING BRANCHED LINKERS AND METHODS RELATED THERETO**
[54] **CONJUGUES ANTICORPS-MEDICAMENT COMPRENANT DES LIEURS RAMIFIES ET PROCEDES CONNEXES**
[72] KIM, YONG ZU, KR
[72] OH, YEONG SOO, KR
[72] CHAE, JEIWOOK, KR
[72] SONG, HO YOUNG, KR
[72] CHUNG, CHUL-WOONG, KR
[72] PARK, YUN HEE, KR
[72] CHOI, HYO JUNG, KR
[72] PARK, KYUNG EUN, KR
[72] KIM, HYOUNGRAE, KR
[72] KIM, JINYEONG, KR
[72] MIN, JI YOUNG, KR
[72] KIM, SUNG MIN, KR
[72] LEE, BYUNG SOO, KR
[72] WOO, DONG HYUN, KR
[72] JUNG, JI EUN, KR
[72] LEE, SU IN, KR
[71] LEGOCHEM BIOSCIENCES, INC., KR
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[54] **SUSPENSIONS PARENTERALES STERILES**
[72] PRAMANICK, SOUGATA, IN
[72] BURHAN, AASIYA, IN
[72] GURJAR, MUKUND, IN
[71] EMCURE PHARMACEUTICALS LIMITED, IN
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[54] **WATER-DISPERSIBLE POLYISOCYANATES**
[54] **POLYISOCYANATES DISPERSIBLES DANS L'EAU**
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[72] LUCAS, FREDERIC, DE
[71] BASF SE, DE
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[54] **WASTE PROCESSING**
[54] **TRAITEMENT DE DECHETS**
[72] BANKS, CHARLES, GB
[72] THOMPSON, NICHOLAS MARK, GB
[72] PURI, DHIVYA JYOTI, GB
[72] SPELLER, PETER, GB
[72] STUART-PAUL, CRAIG, US
[71] FIBERIGHT LIMITED, GB
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[54] **NOUVEAU PROCEDE ET COMPOSES INTERMEDIAIRES**
[72] KLEINBECK-RINIKER, FLORIAN KARL, CH
[72] MARTIN, BENJAMIN, CH
[72] PENN, GERHARD, CH
[72] VENTURONI, FRANCESCO, CH
[72] SCHLAMA, THIERRY, CH
[72] RUCH, THOMAS, CH
[72] ALLMENDINGER, THOMAS, CH
[72] WIETFELD, BERNHARD, CH
[72] FILIPPONI, PAOLO, CH
[71] NOVARTIS AG, CH
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[54] **AQUEOUS AGROCHEMICAL SUSPENSION COMPOSITION AND DISPERSAL METHOD THEREFOR**
[54] **COMPOSITION DE SUSPENSION AQUEUSE AGROCHIMIQUE ET PROCEDE POUR LA DISPERSER**
[72] OHTA, YUICHIRO, JP
[72] YAMAZAKI, TOSHINOBU, JP
[71] KUMIAI CHEMICAL INDUSTRY CO., LTD., JP
[85] 2018-05-24
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[54] **SYSTEMS AND METHODS FOR A HAND-CONTROLLABLE SURGICAL ILLUMINATION DEVICE**
[54] **SYSTEMES ET PROCEDES POUR DISPOSITIF D'ECLAIRAGE CHIRURGICAL MANUEL**
[72] MIRSEPASSI, ALIREZA, US
[72] PAPAC, MICHAEL J., US
[72] DOS SANTOS, CESARIO PEREIRA, US
[72] TAKAKAWA, RYAN MAKOTO, US
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[54] **AGROCHEMICAL COMPOSITION AND DISPERSAL METHOD THEREFOR**
[54] **COMPOSITION AGROCHIMIQUE ET SON PROCEDE DE DISPERSION**
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[72] YAMAZAKI, TOSHINOBU, JP
[71] KUMIAI CHEMICAL INDUSTRY CO., LTD., JP
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[54] **WATER-BASED ENGINE COOLANT FOR USE IN TROPICAL ENVIRONMENTS**
[54] **LIQUIDE DE REFROIDISSEMENT A BASE D'EAU DESTINE A ETRE UTILISE DANS LES ENVIRONNEMENTS TROPICAUX**
[72] NUNES, MARCO, TT
[72] SINGH, DEVENDRA DEO NARAIN, IN
[71] NUNES, MARCO, TT
[71] SINGH, DEVENDRA DEO NARAIN, IN
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[54] **STRUCTURE DE CONNEXION D'UNE LIGNE DE TRANSMISSION HAUTE FREQUENCE**
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[72] NAGATANI, MUNEHIKO, JP
[72] NOSAKA, HIDEYUKI, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
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[54] **PROCEDE DE TRAITEMENT DE SEMENCES**
[72] DAVID, CHENGLU, FR
[72] FERLIN, PATRICK, FR
[72] LECHARTIER, CAROLE, FR
[72] PHELIPPEAU, PATRICK, FR
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[54] **TRAYONS D'ALIMENTATION D'ANIMAUX ET UN SYSTEME DE MONTAGE DE TRAYON**
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[54] **AEROSOL GENERATING ARTICLE WITH VENTILATION ZONE**
[54] **ARTICLE DE GENERATION D'AEROSOL DOTE D'UNE ZONE DE VENTILATION**
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[72] CARRARO, ANDREA, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **MODULATEURS DU RECEPTEUR DES □STROGENES**
[72] PIETRAS, RICHARD J., US
[72] JUNG, MICHAEL E., US
[72] MARQUEZ-GARBAN, DIANA C., US
[72] DENG, GANG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **APPLICATEUR DE PRODUIT CHIMIQUE SOLIDE A MAIN**
[72] KANE, TIMOTHY J., US
[72] FRANZINO, JOSEPH J., US
[72] FIELD, RAY, US
[71] CROSSFORD INTERNATIONAL, LLC, US
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[54] **PREPARATION PHOTOACTIVEE D'HYDROGELS**
[72] LIM, SHEN KHOON, NZ
[72] WOODFIELD, TIMOTHY BRYAN FRANCIS, NZ
[72] BROWN, GABRIELLA CHRISTINA JOHANNA, NZ
[71] OTAGO INNOVATION LIMITED, NZ
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[54] **SYSTEMES ET PROCEDES POUR LE PARTAGE DE CONTENU**
[72] SRINIVASAN, RAGAVAN, US
[72] BERNSTEIN, AARON SAMUEL, US
[72] PRYOR, LEONARD WILLIAM, US
[71] FACEBOOK, INC., US
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[54] **COUCHE EXTERNE POUR DES CAPTEURS D'ENZYME**
[72] KJAER, THOMAS, DK
[72] HANSEN, THOMAS STEEN, DK
[72] CLAUSEN, LYDIA DAHL, DK
[71] RADIOMETER MEDICAL APS, DK
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[54] **SYSTEMES D'EMPILAGE DE BOITIERS MODULAIRES A FIBRES OPTIQUES, ET DISPOSITIFS, ELEMENTS ET PROCEDES ASSOCIES**
[72] GALVAN MIJANGOS, CESAR ALBERTO, MX
[72] SANCHEZ GARCIA, SERGIO, MX
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
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[72] VAN HEUGTEN, ANTHONY, US
[71] E-VISION SMART OPTICS, INC., US
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[54] **TRANSPARENT AVEC MAILLE CONDUCTRICE**
[72] UPRETY, KRISHNA K., US
[72] BIMANAND, ALEXANDER, US
[72] LAKDAWALA, KHUSHROO H., US
[71] PPG INDUSTRIES OHIO, INC., US
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[54] **PROCEDE DE PREPARATION DE SELS DE COMPLEXES SANDWICH ARENE-METAL DE TRANSITION**
[72] HEMGESBERG, MAXIMILIAN, DE
[72] FRANK, JURGEN, DE
[72] NORENBERG, RALF, DE
[71] BASF SE, DE
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[54] **CODAGE DE SIGNAUX POUR ACQUISITION EFFICACE**
[72] ABMA, RAYMOND LEE, US
[71] BP CORPORATION NORTH AMERICA INC., US
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[54] **SYSTEMES, REACTEURS, PROCEDES ET COMPOSITIONS POUR LA PRODUCTION DE DIOXYDE DE CHLORE**
[72] STENSLAND, GEOFFREY LAWRENCE, US
[72] RAVANDER, DAVID ROBERT, US
[71] CHEME SOLUTIONS PROCESS ENGINEERING, INC., US
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[54] **APPAREIL D'AILE EQUILIBREE MODULAIRE ET PROCEDE**
[72] KERR, COLIN, CA
[71] RESHYDRO LLC, US
[85] 2018-05-24
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[54] **MECANISME DE RETENUE POUR DES MACHINES AGRICOLES**
[72] CURRIE, JAMES ROBERT, NZ
[72] CURRIE, RICHARD ANDREW, NZ
[71] HUSTLER EQUIPMENT LIMITED, NZ
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[54] **STAGE CEMENTING TOOL AND METHOD**
[54] **OUTIL ET PROCEDE DE CIMENTATION D'ETAGE**
[72] ZHOU, SHAOHUA, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-05-24
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[54] **NON-OXIDE BASED DIELECTRICS FOR SUPERCONDUCTOR DEVICES**
[54] **DIELECTRIQUES NON BASES SUR DES OXYDES POUR DISPOSITIFS SUPRACONDUCTEURS**
[72] KELLIHER, JAMES T., US
[72] DI GIACOMO, SANDRO J., US
[72] SHERMAN, CORY E., US
[72] WAGNER, BRIAN P., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2018-05-24
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[54] **TRANSIENT TRANSFECTION METHOD FOR RETROVIRAL PRODUCTION**
[54] **PROCEDE DE TRANSFECTION TRANSITOIRE POUR LA PRODUCTION DE RETROVIRUS**
[72] JOHNSON, SABINE, GB
[72] PALLANT, CELESTE, GB
[72] VAMVA, EIRINI, GB
[72] VINK, CONRAD, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2018-05-24
[86] 2016-11-21 (PCT/EP2016/078334)
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[30] GB (1520764.0) 2015-11-24
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[25] EN
[54] **MODULAR DEVICE FOR CONVERTING WAVE ENERGY**
[54] **DISPOSITIF MODULAIRE POUR LA CONVERSION DE L'ENERGIE DES VAGUES**
[72] LYTOVCHENKO, MYKHAILO YURIYOVYCH, UA
[72] LYTOVCHENKO, MYKHAILO MYKHAILOVYCH, UA
[71] LYTOVCHENKO, MYKHAILO YURIYOVYCH, UA
[71] PARKHOMENKO, OLEKSII HENNADIIOVYCH, UA
[71] PARKHOMENKO, SERHII VIKTOROVYCH, UA
[85] 2018-05-24
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[54] **FOOD CONTACT SURFACE SANITIZING LIQUID**
[54] **LIQUIDE DE DESINFECTION D'UNE SURFACE EN CONTACT AVEC LES ALIMENTS**
[72] RIPBERGER, CARRIE, US
[72] TIMBERMAN, JULIE, US
[72] MCCORMICK, WILLIAM, III, US
[72] LEPPLA, PHOEBE, US
[72] GARBER, SAMUEL, US
[71] THE CLOROX COMPANY, US
[85] 2018-05-24
[86] 2016-11-16 (PCT/US2016/062313)
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[25] EN
[54] **STABLE CELL LINES FOR RETROVIRAL PRODUCTION**
[54] **LIGNEES CELLULAIRES STABLES POUR LA PRODUCTION DE RETROVIRUS**
[72] JOHNSON, SABINE, GB
[72] PALLANT, CELESTE, GB
[72] VAMVA, EIRINI, GB
[72] VINK, CONRAD, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2018-05-24
[86] 2016-11-21 (PCT/EP2016/078336)
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[30] GB (1520761.6) 2015-11-24
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[54] **TUBE SCRAPER PROJECTILE**
[54] **PROJECTILE DE RACLAGE DE TUBES**
[72] FRANZINO, JOSEPH J., US
[72] SRINIVASMURTHY, VENKATAGIRI, US
[71] CROSSFORD INTERNATIONAL, LLC, US
[85] 2018-05-24
[86] 2015-10-09 (PCT/US2015/054832)
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[51] **Int.Cl. H02M 1/08 (2006.01) H03K 17/06 (2006.01)**
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[54] **DRIVER CIRCUIT AND SWITCH DRIVING METHOD**
[54] **CIRCUIT DE COMMANDE ET PROCEDE DE COMMANDE DE COMMUTATEUR**
[72] LEVY, YEHUDA DANIEL, IL
[72] RAMABHADRAN, RAMANUJAM, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-05-24
[86] 2016-11-17 (PCT/US2016/062423)
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[25] EN
[54] **TARGETING OF THE FORMYL-PEPTIDE RECEPTOR 2/LIPOXIN A4 RECEPTOR (FPR2/ALX) FOR TREATMENT OF HEART DISEASE**
[54] **CIBLAGE DU RECEPTEUR 2 DE PEPTIDE FORMYLE / DU RECEPTEUR DE LA LIPOXINE A4 (FPR2/ALX) POUR LE TRAITEMENT DE MALADIES CARDIAQUES**
[72] OSTROWSKI, JACEK, US
[72] GARCIA, RICARDO, US
[72] WURTZ, NICHOLAS R., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2018-05-24
[86] 2016-11-21 (PCT/US2016/063036)
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[30] US (62/259,498) 2015-11-24

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[25] EN
[54] **SPRAYER SYSTEM**
[54] **SYSTEME PULVERISATEUR**
[72] YOUNG, ROY EARL, II, US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2018-05-24
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[30] US (62/260,290) 2015-11-26
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[51] **Int.Cl. C12P 7/06 (2006.01) C12C 11/00 (2006.01)**
[25] EN
[54] **PROCESSES FOR RECOVERING PRODUCTS FROM A CORN FERMENTATION MASH**
[54] **PROCEDES PERMETTANT DE RECUPERER DES PRODUITS A PARTIR D'UN MOUT DE FERMENTATION DE MAIS**
[72] BOOTSMA, JASON, US
[71] FLINT HILLS RESOURCES, LP, US
[85] 2018-05-24
[86] 2016-11-23 (PCT/US2016/063666)
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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 31/155 (2006.01) A61K 31/436 (2006.01) A61K 31/519 (2006.01) A61P 17/00 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **COMBINATIONS OF RAPAMYCIN AND METFORMIN FOR THE TREATMENT OF JOINT AND SKIN DISEASES**
[54] **COMBINAISONS DE RAPAMYCINE ET DE METFORMINE POUR LE TRAITEMENT DE MALADIES ARTICULAIRES ET CUTANEES**
[72] MELIN, JEFFREY M., US
[71] MELIN, JEFFREY M., US
[85] 2018-05-24
[86] 2016-11-18 (PCT/US2016/062656)
[87] (WO2017/091454)
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[25] EN
[54] **ELECTROKINETIC THICKENING AND DEWATERING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME D'EPAISSISSEMENT ET DE DESHYDRATATION ELECTROCINETIQUES**
[72] MUSSARI, FREDERICK P., US
[72] NORRIS, MICHAEL PHILLIP, US
[71] BCR ENVIRONMENTAL CORPORATION, US
[85] 2018-05-24
[86] 2016-11-22 (PCT/US2016/063356)
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[51] **Int.Cl. E21B 43/12 (2006.01) F04B 47/06 (2006.01) H02K 5/132 (2006.01)**
[25] EN
[54] **SEAL ASSEMBLY FOR A SUBMERSIBLE PUMPING SYSTEM AND AN ASSOCIATED METHOD THEREOF**
[54] **ENSEMBLE A JOINT D'ETANCHEITE POUR SYSTEME DE POMPAGE SUBMERSIBLE ET PROCEDE ASSOCIE**
[72] SAMUDRALA, OMPRAKASH, US
[72] VAN DAM, JEREMY DANIEL, US
[72] REEVES, BRIAN PAUL, US
[72] COLLINS, CHARLES EVAN, US
[72] WANG, JIFENG, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-05-24
[86] 2016-12-02 (PCT/US2016/064519)
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[30] US (14/959,084) 2015-12-04

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[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **METHOD AND DESCRIPTORS FOR COMPARING OBJECT-INDUCED INFORMATION FLOWS IN A PLURALITY OF INTERACTION NETWORKS**
[54] **PROCEDES ET DESCRIPTEURS POUR COMPARER DES FLUX D'INFORMATIONS INDUITES PAR UN OBJET DANS UNE PLURALITE DE RESEAUX D'INTERACTION**
[72] FLIRI, ANTON FRANZ JOSEPH, US
[71] FLIRI, ANTON FRANZ JOSEPH, US
[85] 2018-05-24
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[25] EN
[54] **BELT SPLICING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'EPISSAGE DE COURROIE**
[72] VAN'T SCHIP, JOHANNES STEFANUS, US
[72] PETTINGA, MARK STEVEN, US
[71] FLEXIBLE STEEL LACING COMPANY, US
[85] 2018-05-24
[86] 2016-12-02 (PCT/US2016/064757)
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[30] US (62/262,905) 2015-12-03

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[51] **Int.Cl. B65B 61/18 (2006.01) B31B 70/81 (2017.01) B65B 9/20 (2012.01)**
[25] EN
[54] **CRUSHED END OF SELF-MATING CLOSURE SEGMENT FOR LAP OR FIN SEAL**
[54] **EXTREMITE ECRASEE DE SEGMENT DE FERMETURE A AUTO-ACCOUPLEMENT POUR RACCORD A RECOUVREMENT OU A AILETTES**
[72] PLOURDE, ERIC, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-05-24
[86] 2016-12-07 (PCT/US2016/065293)
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[30] US (62/264,545) 2015-12-08

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[25] EN
[54] **BICYCLIC BET BROMODOMAIN INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DE BROMODOMAINES BET BICYCLIQUES ET LEURS UTILISATIONS**
[72] STROVEL, JEFFREY WILLIAM, US
[72] YOSHIOKA, MAKOTO, US
[72] MALONEY, DAVID J., US
[72] YANG, SHYH MING, US
[72] JADHAV, AJIT, US
[72] URBAN, DANIEL JASON, US
[71] CONVERGENE LLC, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[30] US (62/259,894) 2015-11-25

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[51] **Int.Cl. H02G 3/06 (2006.01) H02G 3/08 (2006.01) H02G 3/18 (2006.01)**
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[54] **ELECTRICAL BOX CABLE CLAMP**
[54] **COLLIER DE SERRAGE DE BOITIER ELECTRIQUE**
[72] KORCZ, KRZYSZTOF W., US
[72] JOHNSON, STEVEN J., US
[72] RICHARD, JOSEPH EDWARD, US
[71] HUBBELL INCORPORATED, US
[85] 2018-05-24
[86] 2016-12-07 (PCT/US2016/065419)
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[51] **Int.Cl. A61K 39/00 (2006.01) A61K 31/352 (2006.01)**
[25] EN
[54] **METHOD OF EX VIVO ENHANCEMENT OF IMMUNE CELL ACTIVITY FOR CANCER IMMUNOTHERAPY WITH A SMALL MOLECULE ABLATIVE COMPOUND**
[54] **PROCEDE DE STIMULATION EX VIVO DE L'ACTIVITE DE CELLULES IMMUNITAIRES POUR L'IMMUNOTHERAPIE DU CANCER A L'AIDE D'UN COMPOSE D'ABLATION A PETITES MOLECULES**
[72] SINGER, JAMIE, US
[72] WACHTER, ERIC A., US
[72] SARNAIK, AMOD, US
[72] PHILON-THOMAS, SHARI, US
[72] LIU, HAO, US
[71] PROVECTUS PHARMATECH, INC., US
[71] H. LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE, INC., US
[85] 2018-05-24
[86] 2016-12-08 (PCT/US2016/065542)
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[25] EN
[54] **SHAPE CHANGING DRUG DELIVERY DEVICES AND METHODS**
[54] **DISPOSITIFS D'ADMINISTRATION DE MEDICAMENTS A CHANGEMENT DE FORME ET PROCEDES**
[72] JARRETT, PETER, US
[72] MCGRATH, MICHAEL J., US
[72] JARRETT, TIMOTHY S., US
[72] EL-HAYEK, RAMI, US
[72] VANSLETTE, ANDREW C., US
[72] ROSALES, COURTNEY A., US
[72] BLIZZARD, CHARLES D., US
[72] SAWHNEY, AMARPREET S., US
[71] INCEPT, LLC, US
[85] 2018-05-24
[86] 2016-11-23 (PCT/US2016/063633)
[87] (WO2017/091749)
[30] US (62/260,068) 2015-11-25
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[51] **Int.Cl. B26F 1/04 (2006.01) B26F 1/06 (2006.01) F26B 3/02 (2006.01) F26B 21/00 (2006.01)**
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[54] **WALL HOLE PUNCH DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE PERFORATION DE TROUS DANS UN MUR**
[72] HARE, CHARLES, W., US
[72] SMITH, MARCUS A., US
[71] HARE, CHARLES, W., US
[71] SMITH, MARCUS A., US
[85] 2018-05-24
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[30] US (14/951,682) 2015-11-25

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[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/113 (2010.01) A61K 38/16 (2006.01) A61K 38/46 (2006.01) A61P 31/18 (2006.01) C12N 9/22 (2006.01) C12N 15/63 (2006.01) C12Q 1/70 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **GENE EDITING METHODS AND COMPOSITIONS FOR ELIMINATING RISK OF JC VIRUS ACTIVATION AND PML (PROGRESSIVE MULTIFOCAL LEUKOENCEPHALOPATHY) DURING IMMUNOSUPPRESSIVE THERAPY**
[54] **PROCEDES ET COMPOSITIONS D'EDITION GENIQUE PERMETTANT D'ELIMINER LE RISQUE D'ACTIVATION DU VIRUS JC ET DE LEMP (LEUCOENCEPHALOPATHIE MULTIFOCALE PROGRESSIVE) PENDANT UN TRAITEMENTIMMUNOSUPPRES SEUR**
[72] KHALILI, KAMEL, US
[72] MALCOLM, THOMAS, US
[72] KOHN, KENNETH L., US
[71] EXCISION BIOTHERAPEUTICS, INC., US
[71] TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[86] 2016-12-08 (PCT/US2016/065583)
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[30] US (62/265,109) 2015-12-09

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[51] **Int.Cl. E21B 43/12 (2006.01)**
[25] EN
[54] **SEAL ASSEMBLY FOR A SUBMERSIBLE PUMPING SYSTEM AND AN ASSOCIATED METHOD THEREOF**
[54] **ENSEMBLE DE JOINT D'ETANCHEITE POUR SYSTEME DE POMPAGE SUBMERSIBLE ET PROCEDE ASSOCIE**
[72] WANG, JIFENG, US
[72] SAMUDRALA, OMPRAKASH, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-05-24
[86] 2016-11-30 (PCT/US2016/064141)
[87] (WO2017/095876)
[30] US (14/959,137) 2015-12-04

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[51] **Int.Cl. B02C 9/00 (2006.01) C11B 1/02 (2006.01) C11B 1/10 (2006.01) C12P 7/06 (2006.01) C12P 7/08 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR GRINDING CORN AND MAKING ETHANOL THEREFROM**
[54] **PROCEDES ET SYSTEMES DE BROYAGE DE MAIS ET DE FABRICATION D'ETHANOL A PARTIR DE CE DERNIER**
[72] BOOTSMA, JASON, US
[72] REYNOLDS, JAMES, US
[71] FLINT HILLS RESOURCES, LP, US
[85] 2018-05-24
[86] 2016-11-23 (PCT/US2016/063657)
[87] (WO2017/091760)
[30] US (62/260,181) 2015-11-25

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[51] **Int.Cl. C12N 5/10 (2006.01) A61K 31/7088 (2006.01) A61K 48/00 (2006.01) C12N 7/00 (2006.01) C12N 7/01 (2006.01) C12N 7/02 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **SCALABLE METHODS FOR PRODUCING RECOMBINANT ADENO-ASSOCIATED VIRAL (AAV) VECTOR IN SERUM-FREE SUSPENSION CELL CULTURE SYSTEM SUITABLE FOR CLINICAL USE**
[54] **PROCEDES SUSCEPTIBLES D'ETRE DEVELOPPES POUR LA PRODUCTION D'UN VECTEUR VIRAL ADENO-ASSOCIE (AAV) DANS UN SYSTEME DE CULTURE CELLULAIRE EN SUSPENSION EXEMPT DE SERUM APPROPRIE POUR UNE UTILISATION CLINIQUE SYSTEME**
[72] QU, GUANG, US
[72] LU, LIN, US
[72] WRIGHT, JOHN FRASER, US
[71] SPARK THERAPEUTICS, INC., US
[85] 2018-05-24
[86] 2016-12-01 (PCT/US2016/064414)
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[30] US (62/261,815) 2015-12-01

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[51] **Int.Cl. F24F 13/04 (2006.01) F24F 7/06 (2006.01) F24F 11/00 (2018.01) F24F 13/14 (2006.01) F24F 13/28 (2006.01)**
[25] EN
[54] **AIR MIXING DEVICE**
[54] **DISPOSITIF MELANGEUR D'AIR**
[72] MICHALSKI, STEVEN, US
[71] MICHALSKI, STEVEN, US
[85] 2018-05-24
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[87] (WO2017/070259)
[30] US (14/887,392) 2015-10-20

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[51] **Int.Cl. A61M 39/10 (2006.01) A61M 5/145 (2006.01) A61M 39/00 (2006.01) A61M 39/04 (2006.01) A61M 39/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FLARED LUER CONNECTOR FOR MEDICAL TUBING**
[54] **SYSTEME ET PROCEDE POUR CONNECTEUR LUER EVASE POUR TUBE MEDICAL**
[72] SEALFON, ANDREW I., US
[72] GHESHMI, SIAVASH, US
[71] REPRO-MED SYSTEMS, INC., US
[85] 2018-05-24
[86] 2016-10-21 (PCT/US2016/058056)
[87] (WO2017/119935)
[30] US (62/274,487) 2016-01-04
[30] US (15/291,895) 2016-10-12

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[51] **Int.Cl. C07K 14/195 (2006.01) A61K 47/66 (2017.01) A61K 9/127 (2006.01) A61P 35/00 (2006.01) C07C 43/295 (2006.01) C07D 305/14 (2006.01) C07H 15/252 (2006.01) C07K 1/06 (2006.01) C07K 1/113 (2006.01) C07K 7/08 (2006.01) C07K 14/00 (2006.01) C07K 14/47 (2006.01) C07K 17/00 (2006.01) C40B 40/10 (2006.01)**
[25] EN
[54] **PEPTIDE COMPOUNDS AND PEPTIDE CONJUGATES FOR THE TREATMENT OF CANCER THROUGH RECEPTOR-MEDIATED CHEMOTHERAPY**
[54] **COMPOSES PEPTIDIQUES ET CONJUGUES PEPTIDIQUES DESTINES AU TRAITEMENT DU CANCER PAR CHIMIOTHERAPIE A MEDIATION PAR UN RECEPTEUR**
[72] BELIVEAU, RICHARD, CA
[72] ANNABI, BORHANE, CA
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[72] WANG, WEI, US
[72] VAN WERT, JAMES, US
[71] VICTAULIC COMPANY, US
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[54] **MULTI-MODULAR POWER PLANT WITH DEDICATED ELECTRICAL GRID**
[54] **CENTRALE ELECTRIQUE MULTIMODULAIRE A RESEAU ELECTRIQUE DEDIE**
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[72] REYES, JOSE N., JR., US
[72] GALYEAN, BILL, US
[72] DOYLE, JEREMIAH, US
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[54] **HIGH STRENGTH 6XXX ALUMINUM ALLOYS AND METHODS OF MAKING THE SAME**
[54] **ALLIAGES D'ALUMINIUM 6XXX HAUTE RESISTANCE ET LEURS PROCEDES D'ELABORATION**
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[72] WEN, WEI, US
[72] BASSI, CORRADO, CH
[72] DESPOIS, AUDE, CH
[72] FLOREY, GUILLAUME, CH
[72] VARONE, XAVIER, CH
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[54] **SYSTEME ET PROCEDE DE MANIPULATION DE CONCENTRATION D'IONS POUR MAXIMISER L'EFFICACITE D'ECHANGE D'IONS**
[72] MERTZ, JOSHUA, US
[72] SIMPSON, BRETT, US
[72] LUEY, JA-KAEL, US
[72] ORME, RON, US
[72] CARLSON, DAVID, US
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[54] **SYSTEMES D'ADMINISTRATION DE MEDICAMENT ET DE GESTION D'ANIMAUX**
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[72] MARTINEZ, MARCELO A., US
[71] JVD, INC., US
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[54] **STRUCTURE DE SOUBASSEMENT DE CARROSSERIE DE VEHICULE COMPRENANT UN ELEMENT DE RENFORCEMENT ENTRE UNE POUTRE LONGITUDINALE ET UNE PARTIE FIXE DE FACE INFERIEURE**
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[54] **ELEMENT PNEUMATIQUE D'OUTIL AGRICOLE COMPRENANT UNE EMBASE RIGIDE**
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[54] **METHODE ET APPAREIL DE DISTRIBUTION PRECISE D'UN MATERIAU**
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[72] DE REGE THESAURO, FRANCESCO, US
[71] WARNER, BENJAMIN, US
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[54] **SYSTEME DE RECUPERATION DE LIQUIDE PORTATIF DOTE D'UN APPAREIL DE TRAITEMENT ET ALIMENTATION PRELIMINAIRE OPTIONNEL**
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[71] WILMAC, INC. DBA BORETEC EQUIPMENT, US
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[71] NICOVENTURES HOLDINGS LIMITED, GB
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[54] **SYSTEME SERVANT A AUGMENTER LE DEBIT D'UN SYSTEME DE DOSAGE POUR PRODUIT AGRICOLE**
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[72] PEUTERT, CHANCE, CA
[72] RUPPERT, REX LEROY, US
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[54] **APPARATUS, METHODS AND PROCESSES FOR SORTING PARTICLES AND FOR PROVIDING SEX-SORTED ANIMAL SPERM**
[54] **DISPOSITIFS, PROCEDES ET PROCESSUS PERMETTANT DE TRIER DES PARTICULES ET D'OBTENIR DU SPERME ANIMAL PRODUISANT UNE PROGENITURE DE SEXE DONNE**
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[72] HATCHER, JEREMY T., US
[72] WESTFALL, LON A., US
[72] HELBLING, DAVID R., US
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[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA DROSPIRENONE ET KIT CONTRACEPTIF**
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[54] **COMBINAISONS FONGICIDES SYNERGETIQUES RENFERMANT DES DERIVES DE CARBOXAMIDE TRICYCLIQUE**
[72] WALTER, HARALD, CH
[72] CORSI, CAMILLA, CH
[72] EHRENFREUND, JOSEF, CH
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[54] **PANNEAU D'ALIMENTATION ELECTRIQUE SUR PLACE POUR UNE UNITE EXTERIEURE ET METHODE D'ADAPTATION D'UNE UNITE EXTERIEURE AUDIT PANNEAU**
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[54] **SYSTEME ET METHODE PERMETTANT D'EMPECHER UNE BLESSURE A UN PATIENT PENDANT UNE CHIRURGIE PAR LAPAROSCOPIE**
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[54] **DISPOSITIF D'ANCRAGE, IMPLANT INTERVERTEBRAL ET INSTRUMENT D'IMPLANTATION**
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[72] LEQUETTE, SAMUEL, FR
[72] DELHAYE, MANUEL, FR
[72] PARENT, HENRY FRANCOIS, FR
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[54] **BIT INTERLEAVER FOR LOW-DENSITY CHECK CODEWORD HAVING LENGTH OF 64800 AND CODE RATE OF 4/15 AND 256-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**
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[54] **PROCEDES ET COMPOSITIONS POUR DETRUIRE UN BIOFILM AU MOYEN DE COMPOSES DERIVES DE CHITOSANE**
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[72] WIESMANN, WILLIAM P., US
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[54] **COMPOSES D'HORMONE DE CROISSANCE HUMAINE RECOMBINANTS PEGYLES**
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[72] KINDERMANN, SUSANNE, DE
[72] LESSMANN, TORBEN, DE
[72] RASMUSSEN, GRETHE NORSKOV, DK
[72] HERSEL, ULRICH, DE
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[54] **FLUOROCHROMES POUR LA DETECTION D'ORGANELLES ET L'IMAGERIE POLYCHROME**
[72] DONEGAN, JAMES J., US
[72] RABBANI, ELAZAR, US
[72] LI, ZAIGUO, US
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[72] MULLER, MATHIAS, DE
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[54] **APPAREIL ET PROCEDE POUR LA MODULATION DU TISSU CARDIAQUE PAR APPLICATION TOPIQUE DE VIDE AFIN DE REDUIRE AU MINIMUM LA MORT ET LES DOMMAGES CELLULAIRES**
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[72] CARROLL, DAVID L., US
[72] LEVI, NICOLE H., US
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[72] BLANEY, JOSEPH E., US
[72] MURPHY, BRIAN R., US
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[54] **SUIVI D'OBJET ET MANOEUVRES DE DIRECTION DESTINEES A DES VEHICULES DE MANUTENTION DE MATERIAUX**
[72] CASTANEDA, ANTHONY T., US
[72] MCCROSKEY, WILLIAM W., US
[72] SCHLOEMER, JAMES F., US
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[54] **PROCEDE DE FABRICATION DE COMPOSES BENZOAZEPINES**
[72] ANGELAUD, REMY, US
[72] BEAUDRY, DANIAL, US
[72] CARRERA, DIANE, US
[72] MALHOTRA, SUSHANT, US
[72] REMARCHUK, TRAVIS, US
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[54] **APPAREILLAGE DE TRANSFERT D'ENERGIE FAISANT APPEL A UN CONVERTISSEUR, ET METHODE DE FABRICATION CONNEXE**
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[54] **APPAREIL DESTINE A LA COMMANDE PAR BAGUE DE TOLERANCE DE FORCES DE GLISSEMENT D'UNE INTERFACE DE GLISSEMENT**
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[72] CUMMINS, CHRISTY, IE
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[72] KONTOS, CHRISTOPHER THEODORE, CA
[72] MARCHAND, SHAWN, CA
[72] PLOURDE, MARC R., CA
[72] O'NEILL, AUSTIN, CA
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[54] **TAPIS AMORTISSEUR D'IMPACT, ACCESSOIRE D'EQUIPEMENT ET SYSTEME DE PLANCHER**
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[54] **FORMULE DE SEPARATION DE BOUES A L'HUILE DE CIMENT**
[72] AL-SUBHI, MOHAMMAD LAFI, SA
[72] JENNINGS, SCOTT STEVEN, SA
[72] AL-HUMAIDI, AHMAD SALEH, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **PROCEDES ET DISPOSITIFS DE REPARATION OU DE REMPLACEMENT DE VALVULES CARDIAQUES OU DU TISSU CONTIGU SANS NECESSITER UNE ASSISTANCE CARDIO-PULMONAIRE TOTALE**
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[54] **APPARATUS AND METHODS FOR ELECTRICALLY COUPLING MULTIPLE ELECTRICALLY-CONDUCTIVE GROUND COVERS**
[54] **APPAREIL ET METHODES DE MISE A LA TERRE DE MANIERE ELECTRIQUE D'AU MOINS UN TAPIS SUR UNE SURFACE SUPPORTANT UNE CHARGE**
[72] BORDELON, RANDY PAUL, US
[72] MCDOWELL, JAMES KERWIN, US
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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/12 (2006.01) E21B 43/12 (2006.01)**
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[54] **GARNITURE ASSEMBLEE D'ELEMENT DE VANNE DE SECURITE ANNULAIRE**
[72] ROBB, EWAN OGILVIE, US
[72] SLAY, JEREMY BUC, US
[72] WEBBER, WINSTON JAMES, US
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[54] **MELANGES DE FONDERIE CONTENANT DES SELS DE CARBONATE ET UTILISATIONS DE CES MELANGES**
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[72] HARMON, SEAN B., US
[71] ASK CHEMICALS LLC, US
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[54] **WATER-IN-OIL EMULSIONS COMPRISING IMMUNOSTIMULATORY OLIGONUCLEOTIDES**
[54] **EMULSIONS D'EAU DANS L'HUILE RENFERMANT DES OLIGONUCLEOTIDES IMMUNOSTIMULATEURS**
[72] DOMINOWSKI, PAUL JOSEPH, US
[72] WILMES, LAUREN, US
[72] FOSS, DENNIS L., US
[72] MOHR, KAORI, US
[72] GALLO, GUILLERMO, US
[72] HARDHAM, JOHN MORGAN, US
[72] KREBS, RICHARD LEE, US
[72] LIGHTLE, SANDRA ANN MARIE, US
[72] MAHAN, SUMAN, US
[72] MEDIRATTA, SANGITA, US
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[72] RAI, SHARATH K., US
[72] SALMON, SARAH A., US
[72] VORA, SHAUNAK, US
[72] FONTAINE, MICHAEL CHRISTOPHER, GB
[72] SMITH, DAVID GEORGE EMSLIE, GB
[72] FITZPATRICK, JULIE LYDIA, GB
[72] DONACHIE, WILLIAM, GB
[72] JAGLARZ, ANITA DOROTA, GB
[71] ZOETIS SERVICES LLC, US
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[51] **Int.Cl. G03G 15/06 (2006.01)**
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[54] **DEVELOPER SUPPLY CONTAINER AND DEVELOPER SUPPLYING SYSTEM**
[54] **CONTENANT DE REMPLISSAGE DE DEVELOPPATEUR ET SYSTEME DE REMPLISSAGE DE DEVELOPPATEUR**
[72] MURAKAMI, KATSUYA, JP
[72] NAGASHIMA, TOSHIAKI, JP
[72] TAZAWA, FUMIO, JP
[72] OKINO, AYATOMO, JP
[72] YAMADA, YUSUKE, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 2010-03-30
[41] 2010-10-07
[62] 2,955,475
[30] JP (2009-082081) 2009-03-30

[21] **3,005,797**
[13] A1
[51] **Int.Cl. G10L 19/24 (2013.01) G10L 19/125 (2013.01) G10L 19/02 (2013.01)**
[25] EN
[54] **HIGH-BAND SIGNAL DECODING OF BIT-STREAM USING MULTIPLE SUB-BANDS**
[54] **ENCODAGE DE SIGNAL EN BANDE HAUTE UTILISANT MULTIPLES SOUS-BANDES**
[72] ATTI, VENKATRAMAN S., US
[72] KRISHNAN, VENKATESH, US
[71] QUALCOMM INCORPORATED, US
[22] 2015-03-31
[41] 2015-10-08
[62] 2,940,411
[30] US (61/973,135) 2014-03-31
[30] US (14/672,868) 2015-03-30

[21] **3,005,835**
[13] A1
[51] **Int.Cl. C07C 229/36 (2006.01) A61K 49/00 (2006.01) C07C 235/74 (2006.01) C07C 237/48 (2006.01) C07C 251/54 (2006.01) C07C 251/60 (2006.01) C07C 251/86 (2006.01) C07C 317/48 (2006.01) C07C 323/63 (2006.01) C07C 325/02 (2006.01) C07D 209/38 (2006.01) C07D 307/83 (2006.01) C07D 317/22 (2006.01) C07D 317/28 (2006.01) C07D 317/30 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING, METHODS INVOLVING, AND USES OF NON-NATURAL AMINO ACIDS AND POLYPEPTIDES**
[54] **COMPOSITIONS CONTENANT DES ACIDES AMINES NON NATURELS ET DES POLYPEPTIDES, PROCEDES IMPLIQUANT CES ACIDES AMINES NON NATURELS ET POLYPEPTIDES, ET UTILISATIONS DESDITS ACIDES AMINES NON NATURELS ET POLYPEPTIDES**
[72] MIAO, ZHENWEI, US
[72] LIU, JUNJIE, US
[72] NORMAN, THEA, US
[72] DRIVER, RUSSELL, US
[71] AMBRX, INC., US
[22] 2005-12-21
[41] 2006-06-29
[62] 2,927,595
[30] US (60/639,195) 2004-12-22
[30] US (60/638,527) 2004-12-22
[30] US (60/638,418) 2004-12-22
[30] US (60/696,068) 2005-07-01
[30] US (60/696,302) 2005-07-01
[30] US (60/696,210) 2005-07-01

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/04 (2006.01) A61B 17/064 (2006.01) A61B 17/068 (2006.01)**
[25] EN
[54] **HEART VALVE REPAIR AND REPLACEMENT**
[54] **REPARATION ET REMPLACEMENT D'UNE VALVULE CARDIAQUE**
[72] ALON, DAVID, IL
[71] ALON, DAVID, IL
[22] 2014-06-03
[41] 2014-12-11
[62] 2,914,408
[30] US (61/831632) 2013-06-06

[21] **3,006,103**
[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/04 (2006.01) A61F 13/06 (2006.01) A61H 1/00 (2006.01) A61F 5/01 (2006.01)**
[25] EN
[54] **GRADUATED COMPRESSION DEVICE FOR THE TREATMENT OF CIRCULATORY DISORDERS**
[54] **DISPOSITIF DE COMPRESSION GRADUE DESTINE AU TRAITEMENT DE TROUBLES CIRCULATOIRES**
[72] RICHARDSON, THOMAS, US
[72] LIPSHAW, MOSES A., US
[71] CIRCAID MEDICAL PRODUCTS, INC., US
[22] 2014-07-15
[41] 2015-01-22
[62] 2,917,894
[30] US (13/943,937) 2013-07-17

[21] **3,006,133**
[13] A1
[51] **Int.Cl. B41F 17/08 (2006.01) G01N 35/02 (2006.01) G06K 1/12 (2006.01) A61J 1/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRINTING ON AN OBJECT HAVING A CURVED SURFACE**
[54] **PROCEDE ET APPAREIL POUR IMPRIMER SUR UN OBJET AYANT UNE SURFACE INCURVEE**
[72] SILBERT, ROLF, US
[72] ROSATI, ROBERT, US
[72] BUSE, DAVID, US
[72] TAMMER, OLEV, US
[72] MERTEN, MATTHIAS, US
[71] GEN-PROBE INCORPORATED, US
[22] 2015-10-21
[41] 2016-04-28
[62] 2,964,930
[30] US (62/066,468) 2014-10-21

[21] **3,006,137**
[13] A1
[51] **Int.Cl. A61K 47/42 (2017.01) A61K 9/14 (2006.01) A61K 31/436 (2006.01) A61K 31/517 (2006.01) A61K 31/675 (2006.01) A61K 31/704 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NANOPARICLE COMPRISING RAPAMYCIN AND ALBUMIN AS ANTICANCER AGENT**
[54] **NANOPARTICULE COMPRENANT DE LA RAPAMYCINE ET DE L'ALBUMINE UTILISEE COMME AGENT ANTICANCEREUX**
[72] DESAI, NEIL P., US
[72] SOON-SHIONG, PATRICK, US
[72] TRIEU, VUONG, US
[71] ABRAXIS BIOSCIENCE, LLC., US
[22] 2008-03-07
[41] 2008-09-12
[62] 2,680,207
[30] US (60/905662) 2007-03-07

[21] **3,006,138**
[13] A1
[51] **Int.Cl. B65G 69/34 (2006.01)**
[25] EN
[54] **MONITORING VEHICLE RESTRAINTS OVER A CONTINUOUS RANGE OF POSITIONS**
[54] **SURVEILLANCE DE LIMITES D'UN VEHICULE DANS UNE PLAGE CONTINUE DE POSITIONS**
[72] STONE, BRADLEY J., US
[72] SENFLEBEN, JASON, US
[72] MALY, PAUL J., US
[71] RITE-HITE HOLDING CORPORATION, US
[22] 2015-02-17
[41] 2015-08-27
[62] 2,882,251
[30] US (14/192,581) 2014-02-27

[21] **3,006,143**
[13] A1
[51] **Int.Cl. A61K 31/222 (2006.01) A61K 9/00 (2006.01) A61K 31/05 (2006.01) A61K 31/12 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING DERMATOLOGICAL DISEASES AND CONDITIONS**
[54] **PROCEDES ET COMPOSITIONS UTILISES POUR TRAITER LES MALADIES ET LES AFFECTIONS DERMATOLOGIQUES**
[72] FULLER, BRYAN B., US
[71] THERAMETICS, LLC, US
[22] 2008-10-10
[41] 2009-04-16
[62] 2,866,527
[30] US (60/998,345) 2007-10-10
[30] US (61/126,478) 2008-05-05

[21] **3,006,150**
[13] A1
[51] **Int.Cl. E21B 47/02 (2006.01) E21B 7/04 (2006.01) E21B 47/022 (2012.01) E21B 47/024 (2006.01)**
[25] EN
[54] **SELF-GUIDED GEOSTEERING ASSEMBLY AND METHOD FOR OPTIMIZING WELL PLACEMENT AND QUALITY**
[54] **ENSEMBLE GUIDAGE GEOLOGIQUE AUTOGUIDE ET PROCEDE PERMETTANT D'OPTIMISER LE POSITIONNEMENT ET LA QUALITE D'UN PUITS**
[72] MAY, MICHAEL, US
[72] DUSTERHOFT, RONALD GLEN, US
[72] TESORIERO, TOM, US
[71] LANDMARK GRAPHICS CORPORATION, US
[22] 2012-09-28
[41] 2014-04-03
[62] 2,886,327

[21] **3,006,171**
[13] A1
[51] **Int.Cl. C10G 1/00 (2006.01) C10G 1/10 (2006.01) C10G 3/00 (2006.01) C10G 11/02 (2006.01) C10L 1/04 (2006.01) C10L 1/06 (2006.01) C10L 1/08 (2006.01) F02C 7/22 (2006.01)**
[25] EN
[54] **PROCESS AND APARATUS FOR PRODUCING HYDROCARBON FUELS**
[54] **PROCEDE ET APPAREIL POUR PRODUIRE DES COMBUSTIBLES HYDROCARBONES**
[72] OSTERLOH, JAMES D., US
[72] SPITZAUER, MICHAEL P., US
[71] GPI PATENT HOLDING LLC, US
[22] 2008-05-22
[41] 2009-10-29
[62] 2,759,696
[30] US (12/108,438) 2008-04-23

[21] **3,006,180**
[13] A1
[51] **Int.Cl. E21B 25/00 (2006.01)**
[25] EN
[54] **CORE BARREL HOLDER AND METHODS OF USING SAME**
[54] **SUPPORT DE CAROTTIER ET SES PROCEDES D'UTILISATION**
[72] THELLEND, ROBERT H., CA
[71] LONGYEAR TM, INC., US
[22] 2012-11-01
[41] 2014-05-08
[62] 2,889,027

[21] **3,006,204**
[13] A1
[51] **Int.Cl. A61B 5/153 (2006.01) A61B 5/15 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **SAFETY BLOOD COLLECTION ASSEMBLY WITH INDICATOR**
[54] **ASSEMBLAGE SECURISE DE COLLECTE DE SANG AVEC INDICATEUR**
[72] CRAWFORD, JAMIESON, US
[72] ELLIS, ROBERT, US
[72] WILKINSON, BRADLEY M., US
[72] BARTFIELD, BENJAMIN, US
[72] NEWBY, C. MARK, US
[72] TAN, CHEE LEONG ALVIN, SG
[72] MOH, JON, SG
[72] SIM, STANLEY, SG
[72] CHIA, NEVILLE, SG
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2008-03-07
[41] 2008-09-12
[62] 2,812,981
[30] US (60/893,519) 2007-03-07
[30] US (60/941,870) 2007-06-04

[21] **3,006,206**
[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01B 63/16 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **ROW UNIT OF AN AGRICULTURAL IMPLEMENT WITH MULTIPLE LOCATIONS FOR MOUNTING A GAUGE WHEEL**
[54] **RAYONNEUR D'UNE MACHINE AGRICOLE A EMPLACEMENTS MULTIPLES POUR LA FIXATION D'UNE ROUE DE JAUGE**
[72] ANDERSON, BRIAN J., US
[72] DIENST, JOHNATHON R., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2013-09-04
[41] 2014-07-09
[62] 2,826,136
[30] US (13/737,562) 2013-01-09

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GE INFRASTRUCTURE TECHNOLOGY, LLC 2,901,366
GE JENBACHER GMBH & CO OG 2,901,846
GE JENBACHER GMBH & CO OG 2,921,782
GEBKE, KEVIN J. 2,931,262
GEIGER, RALF 2,918,804

GELFAND, CRAIG A. 2,895,135
GENDROT, PASCAL 2,815,958
GENEOHM SCIENCES CANADA, INC. 2,698,232
GENERAL ELECTRIC COMPANY 2,724,524
GENERAL ELECTRIC COMPANY 2,743,656
GENERAL ELECTRIC COMPANY 2,745,645
GENERAL ELECTRIC COMPANY 2,759,467
GENERAL ELECTRIC COMPANY 2,780,963
GENERAL ELECTRIC COMPANY 2,871,278
GENERAL ELECTRIC COMPANY 2,917,760
GENERAL ELECTRIC COMPANY 2,921,263
GENERAL ELECTRIC COMPANY 2,924,061
GENERAL ELECTRIC COMPANY 2,926,072
GENERAL ELECTRIC COMPANY 2,927,268
GENERAL ELECTRIC COMPANY 2,928,979
GENERAL ELECTRIC TECHNOLOGY GMBH 2,862,751
GENESTE, OLIVIER 2,918,217
GENNARI, GIOVANNI 2,759,373
GENO LLC 2,797,674
GEORGIA-PACIFIC FRANCE 2,758,902
GERDES, DARRELL 2,805,341
GERDES, FRANK 2,889,743
GERHARDT, TOBIAS 2,921,478
GESTION ULTRA INTERNATIONALE INC. 2,755,846
GEUIJEN, CECILIA ANNA WILHELMINA 2,881,717
GHARESI, ABDOLREZA 2,928,634
GHIDO, FLORIN 2,918,804
GHIDO, FLORIN 2,926,986
GIANNOTTA, SALVATORE 2,817,306
GIBSON, WILLIAM R. 2,918,059
GIGANTE, ENZO 2,904,967
GILL, PARKASH 2,696,164
GILPATRICK, WILLIAM 2,894,294
GINSBURGH, CHARLES LESTER 2,751,756
GIRAUD, WILLIAM J. 2,737,717
GISH, DAVID 2,875,286
GIVENS, RAY 2,795,178
GLATFELTER FALKENHAGEN GMBH 2,787,887
GLEYZE, GILBERT 2,803,981
GLYNN, CHRISTOPHER CHARLES 2,928,979
GOCZKOWSKI, JAKUB ZYGMUNT 2,817,430
GOERING, JONATHAN 2,889,058
GOETZ, WOLFGANG 2,781,728
GOLDFARB, ERIC 2,925,902
GOMICIAGA-PEREDA, RICARDO 2,658,176
GONI ALLO, BEATRIZ 2,814,103
GONZALEZ OJER, CARLOS 2,814,103
GONZALEZ PALOMO, ADYS 2,855,182
GONZALEZ, MANUEL E. 2,776,579
GOODENOUGH, JOHN B. 2,810,191
GOODWIN, JOSHUA C. 2,823,530
GOOGLE LLC 2,788,651
GOOGLE LLC 2,809,980
GORDON-DUFFY, JOHN 2,797,669
GOTO, KUNIO 2,739,158
GRAHAM PACKAGING COMPANY, L.P. 2,960,638
GRANDBOIS, MATTHEW LEE 2,859,168
GRAPHIC PACKAGING INTERNATIONAL, LLC 2,894,294
GRAPHIC PACKAGING INTERNATIONAL, LLC 2,909,667
GRAVE, EDWARD J. 2,878,608
GRAVES, MICHAEL J. 2,898,224
GRAY, LARRY B. 2,789,141
GREEN, ALON 2,996,257
GREEN, ROBERT 2,757,997
GREER, JUSTIN R. 2,864,827
GRENON, JOELLE 2,948,399
GRGAC, STEVEN 2,795,876
GRI ENGINEERING & DEVELOPMENT, LLC 2,935,045
GRIESS, KENNETH H. 2,898,224
GRIFFIN, WESTON BLAINE 2,780,963
GRILL, BERNHARD 2,926,986
GRIPPLE LIMITED 2,888,414
GRISWOLD, CHAUNCEY W. 2,811,560
GRONEBERG, ROBERT D. 2,865,331
GROSS, JEFFREY M. 2,798,361
GROSS, JESSE E., IV 2,913,167
GROSSMAN, TRUDY 2,799,727
GROSSPIETSCH, JOHN K. 2,895,043
GROTE INDUSTRIES, LLC 2,840,245
GROTH, NICOLA 2,751,379
GRUENENTHAL GMBH 2,741,984
GRUENENTHAL GMBH 2,805,523
GRUENING, NADJA 2,805,523
GRUESCHOW, ERIC R. 2,819,364
GRUNE, GUERRY L. 2,670,035
GUBELLINI, MATTEO 2,771,239
GUIMARAES, MIGUEL 2,783,709
GULFSTREAM AEROSPACE CORPORATION 2,851,226
GUNJIAN, ZAVEN 2,820,703
GUO, RONGWEI 2,740,500
GUSI GRACIA, CARLOS JOAQUIN 2,869,484
GUSTAFSSON, JAN OLOF 2,822,521
GUVELIOGLU, GALIP HAKAN 2,924,341
GVBB HOLDINGS S.A.R.L. 2,672,418
H. LUNDBECK A/S 2,783,728
HAAKE, VOLKER 2,615,892
HAAR, RAINER 2,743,679
HAAS, PETER 2,670,190
HACHIYA, SHUNICHIRO 2,853,688
HADDEN, JOHN W. 2,694,428
HAENSLER, JEAN 2,761,917
HAGE, RONALD 2,798,917
HAHN, ANDREAS 2,947,369
HAHN, JOCHEM 2,767,176
HAIER US APPLIANCE SOLUTIONS, INC. 2,752,386
HAIER US APPLIANCE SOLUTIONS, INC. 2,754,333
HAIMERL, RUDOLF 2,728,114
HALL, STEWART E. 2,749,519
HALLER, MATTHIAS 2,889,743
HALLGREN, AGNETA 2,780,941
HALLIBURTON ENERGY SERVICES, INC 2,934,782
HALLIBURTON ENERGY SERVICES, INC. 2,765,719
HALLIBURTON ENERGY SERVICES, INC. 2,852,423
HALLIBURTON ENERGY SERVICES, INC. 2,862,293
HALLIBURTON ENERGY SERVICES, INC. 2,869,855
HALLIBURTON ENERGY SERVICES, INC. 2,897,161
HALLIBURTON ENERGY SERVICES, INC. 2,902,889
HALLIBURTON ENERGY SERVICES, INC. 2,917,286
HALLIBURTON ENERGY SERVICES, INC. 2,919,492
HALLIBURTON ENERGY SERVICES, INC. 2,926,787
HALLIBURTON ENERGY SERVICES, INC. 2,928,634
HALLIBURTON ENERGY SERVICES, INC. 2,930,183
HALLIBURTON ENERGY SERVICES, INC. 2,933,487
HALSE, JOEL 2,869,084
HAMAD, ABDEL 2,754,333
HAMADA, KOICHI 2,912,169
HAMID, SYED 2,869,855
HAMMER, JAMES E. 2,771,392
HAMMOND, JAMES P. 2,805,341
HAN, JIAN-TAO 2,810,191
HANCHETT ENTRY SYSTEMS, INC. 2,789,888
HANEY, KEITH L. 2,791,361
HANN, MURRAY T. 2,904,452
HANNAN, JOHN FRANCIS 2,817,430
HANSEN, ERLING LENNART 2,808,169
HANSLI, WILLI 2,909,893
HANSON, CHARLOTTA 2,856,052
HAO, ZHENWU 2,780,182
HARDCASTLE, HENRY K. 2,733,479
HARHAY, WARREN 2,765,041
HARRIS CORPORATION 2,904,452
HARRIS, DAVID T. 2,808,168
HARRIS, KENNETH 2,864,507
HARRIS, THOMAS EDWARD 2,937,020
HARRISON, BERN 2,879,841
HARRISON-MEYER, ELIZABETH 2,769,639
HARTZ, EUGENE ADRIAN 2,789,968
HASEGAWA, MASAHIRO 2,829,749

HASHIMOTO, TAKASHI	2,917,021
HATTORI, HIROYUKI	2,941,287
HAVIRD, WILLIAM D.	2,714,688
HAWKER, NICHOLAS	2,798,586
HAWKINS, JOHN	2,714,002
HAYS, PAUL J.	2,743,511
HE, GUANGBO	2,901,236
HE, MINSHENG	2,799,727
HE, XIANGHUI	2,808,168
HE, YONG	2,878,807
HE, YUWEN	2,878,807
HEADRICK, GARY	2,796,258
HEALTH RESEARCH INC.	2,684,278
HEBERT, LARRY S.	2,758,797
HEEN, KJELL-HARALD	2,901,063
HEIDE, BRADLEY TODD	2,749,016
HEIM, FRANK	2,931,262
HEINZ, ALFRED LUDWIG	2,881,183
HEIRAKUJI, RUSSELL JOHN KAAIHUE	2,935,730
HEIRMAN, PETER JOZEF	2,886,197
HEITMAN, BRYCE LORING	2,927,268
HELMRICH, CHRISTIAN	2,914,895
HELMRICH, CHRISTIAN	2,918,804
HEMANI, ASHISH	2,805,523
HEMPENIUS, EELKE GJALT	2,808,169
HENDERSON, LEE DOUGLAS	2,742,461
HENDRY, DAVID L.	2,912,541
HENKE, JAMES L.	2,930,100
HENLIN, JEAN-MICHEL	2,918,217
HENNE, JEAN-FRANCOIS	2,793,070
HENNE, PRESTON A.	2,851,226
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA	2,790,520
HERAEUS MEDICAL GMBH	2,928,070
HERDT, BRANDON	2,799,756
HERFINDAL, LARRY L.	2,801,230
HERMAN, TOD	2,730,528
HERMANSSON, PATRIK	2,932,735
HERMANSSON, PATRIK	2,932,738
HERRENKNECHT AG	2,921,478
HERRERO DE MIGUEL, JONE	2,801,048
HERRMANN, JONAS	2,784,878
HERSHENSON, MATTHEW	2,976,557
HESP, RICHARD J.	2,749,021
HEWIT, RAYMOND C.	2,904,452
HEWITT, LARRY E.	2,724,567
HIBBS, BART	2,774,918
HIGGINBOTHAM, PAUL	2,924,341
HIGGINS, SIMON	2,668,132
HIKIDA, KAZUO	2,880,946
HILL'S PET NUTRITION, INC.	2,923,349
HILL, DWIGHT-STEVEN	2,575,481
HILLIER, ANDREW D.	2,697,965
HINGSTON, JOHN	2,870,170
HINKLEY, RICHARD EDWARD	2,853,978
HINO, TAKESHI	2,994,056
HIRSEKORN, KURT FREDERICK	2,859,168
HISHIDA, TOMOKO	2,869,627
HISTOCELL, S.L.	2,801,048
HITACHI, LTD.	2,917,021
HIWALE, RAMESHWAR S.	2,862,751
HJORTSHOJ, ANDERS	2,801,429
HO, DAC THANG	2,755,906
HOANG, PETER PHUNG MINH	2,742,454
HOANG, PETER PHUNG MINH	2,742,461
HODGES, STEVE J.	2,670,590
HOEFT, BENOIT	2,758,902
HOELTER, THEODORE R.	2,851,259
HOFFMAN, NELL H.	2,760,976
HOFFSTADT, BRETT MUKHERJEE	2,898,277
HOFMANN, DOUGLAS	2,769,401
HOGANAS AB (PUBL)	2,670,732
HOGASTEN, NICHOLAS	2,851,259
HOLLAND COLOURS N.V.	2,798,976
HOLLAND, NICHOLAS	2,914,296
HOLLEY, JOHN MURDICK, JR.	2,909,667
HOLLISTER INCORPORATED	2,817,430
HOLTSCLAW, JEREMY	2,926,787
HOLYOKE, CALEB WILLIAM, JR.	2,768,702
HONEY BEE MANUFACTURING LTD.	2,803,762
HONEYWELL INTERNATIONAL INC.	2,864,320
HONG, SUNGRYONG	2,921,893
HOOPER, WILLIAM J., JR.	2,938,329
HORAL, MIKAEL P.	2,814,982
HORI, BRADFORD	2,774,918
HORN, GAVIN B.	2,952,400
HORN, GAVIN B.	2,952,402
HORN, GAVIN B.	2,952,442
HORNE, MATTHEW DONALD	2,784,731
HOSS, UDO	2,930,100
HOTTA, NOBUYUKI	2,880,153
HOTTA, TAKAHIRO	2,768,505
HOWARD, DONALD ROBERT	2,924,061
HOWARD, PHILIP WILSON	2,941,485
HOWDEN THOMASSEN COMPRESSORS BV	2,931,699
HOWE, DONALD C.	2,851,226
HU, DEAN	2,757,841
HU, YUNTAO THOMAS	2,926,787
HUA MEDICINE	2,814,594
HUANG, GENE XIAOQING	2,889,072
HUANG, MENGWEI	2,814,594
HUANG, MING HUA	2,780,517
HUANG, NIU	2,945,853
HUANG, TIEMING	2,884,322
HUANG, XIONGZHE	2,871,278
HUANG, ZIQUN	2,884,322
HUBBELL INCORPORATED	2,735,553
HUBENSCHMIDT, JOE	2,696,248
HUBER, HOWARD, JR.	2,997,053
HUBER, JURGEN	2,925,388
HUBER, NORBERT	2,790,616
HUDEC, CHRISTOPHER	2,977,319
HUFF, RANDOLPH	2,878,566
HUGHES, PATRICK M.	2,685,522
HUGHES, RONALD J.	2,710,655
HUHTASAARI, MATTI SAKARI	2,854,020
HUMPHREY, RYAN THOMAS	2,928,634
HUNT, DIANA	2,799,727
HUNTER DOUGLAS INC.	2,797,851
HUSKY INJECTION HOLDING SYSTEMS LTD.	2,976,284
HUSS, JAMES FRANCIS	2,780,245
HUSSMANN CORPORATION	2,937,149
HUTZ, DAVID JAMES	2,776,283
HUXHAM, HORATIO NELSON	2,919,323
HYDRA SYSTEMS AS	2,892,795
HYPERTHERM, INC.	2,924,528
I4C INNOVATIONS INC.	2,930,264
IACOBITA, ANDREI	2,877,269
IBSEN, MARK D.	2,852,763
IDTX SYSTEMS, INC.	2,690,758
IELLICI, DEVIS	2,824,128
IGARASHI, MASAHIKO	2,757,997
IGAWA, TOMOYUKI	2,817,964
IGNATIUS, RODNEY	2,996,257
IGT	2,811,560
IKANOS COMMUNICATIONS, INC.	2,736,453
ILLINOIS TOOL WORKS INC.	2,952,217
IMAI, CHIFUMI	2,817,964
IMANISHI, HIROYUKI	2,909,930
IMGRUNDT, ANTON	2,797,467
IMPERIAL OIL RESOURCES LIMITED	2,740,158
IMPERIAL SUGAR COMPANY	2,805,341
INCHRON GMBH	2,739,155
INDUSTRIAL MANUFACTURING COMPANY INTERNATIONAL, LLC	2,870,026
INERGY AUTOMOTIVE SYSTEMS RESEARCH (SOCIETE ANONYME)	2,757,529
INGALE, SAMPAT	2,674,269
INGENICO GROUP	2,752,311
INGRAM, PAUL S.	2,913,167
INNOVATIVE ENERGY SOLUTION	2,697,762
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE)	2,836,612
INSTITUT D'INVESTIGACIONS BIOMEDIQUES AUGUST PI I SUNYER	2,725,020
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE - INRA	2,805,687
INSTITUTE OF HIGH ENERGY PHYSICS	2,751,442
INTELLECTUAL DISCOVERY CO., LTD.	2,618,875
INTELLISIST, INC.	2,886,388
INTERCAT EQUIPMENT, INC.	2,735,584
INTERCAT, INC.	2,800,655
INYANG, UBONG	2,933,487
IQBAL, KHURSHID	2,730,528
IRELAND, LESLEY	2,575,481
IRWIN, KENNETH	2,785,551
IRX THERAPEUTICS, INC.	2,694,428

IRX THERAPEUTICS, INC.	2,820,202
ISHIBASHI, YOSHIMI	2,990,158
ISOMURA, MAI	2,853,688
ITO, TAKASHI	2,768,505
IWATA, ATSUSHI	2,743,468
J&J SOLUTIONS, INC. D.B.A CORVIDA MEDICAL	2,920,199
JACKO, MICHAEL SCOT	2,932,034
JACKSON, ALAN TANCEL	2,928,634
JACOB, RAPHAEL	2,921,782
JACOBS, CHARLES P.	2,724,567
JACOBS, GUNDOLF	2,670,190
JAIN, ANAND	2,875,286
JAMES, MICHAEL T.	2,967,440
JAMES, YOO	2,670,590
JAMIESON, CHRISTOPHER THOMAS	2,959,215
JAMISON, DALE E.	2,862,293
JANARDHANAM, RAMESH	2,754,333
JANG, SE-YOUNG	2,874,458
JANSSEN VACCINES & PREVENTION B.V.	2,881,717
JANSSEN, AIKE	2,889,743
JANSSEN, FRANK HENDRIKUS PETER	2,808,169
JAPAN TOBACCO INC.	2,768,505
JBT STEEL INDUSTRIES INC.	2,834,019
JEN, JIMMY	2,740,867
JENSEN, KLAUS JUHL	2,792,624
JENSEN, ROY INGE	2,892,795
JESSEM PRODUCTS LIMITED	2,872,087
JIA, HONGMEI	2,575,481
JIANG, LICAI	2,787,839
JIANG, XINRUI	2,976,557
JIANG, YAN	2,742,461
JIANGSU HENGRUI MEDICINE CO., LTD.	2,762,916
JOFFROY, JEAN-MARC	2,826,038
JOGDAND, HARSHAWARDHAN	2,924,528
JOHANNESSON, MATTIAS	2,940,079
JOHNS MANVILLE	2,713,482
JOHNSON, DERRICK	2,732,818
JOHNSON, JEFFREY D.	2,672,725
JOHNSON, LORIN	2,668,441
JOKHADZE, GEORGE G.	2,934,533
JOMHA, NAJIB	2,807,287
JONES, MARTIN GEOFFREY	2,864,320
JONES, TIMOTHY DAVID	2,696,164
JONES, ZACHARY	2,865,331
JORDAN, GARY	2,870,170
JOUANNET, THIERRY	2,739,228
JOUHANNEAUD, ALEXANDRA	2,801,996
JPB SYSTEME	2,830,575
JUAN, ALEJANDRO	2,771,470
JUBERG, MALIN	2,822,521
JUDO WASSERAUFBEREITUNG GMBH	2,931,539
JUDS, MARK A.	2,761,339
JUNG, KU-CHUL	2,874,458
JUSTEN, PETER	2,700,424
KAASA, BAARD	2,840,508
KAGA, DAISUKE	2,853,688
KAIP PTY LIMITED	2,747,561
KAKEN PHARMACEUTICAL CO., LTD.	2,792,403
KALASHNIKOVA, IRINA	2,805,687
KALWA, NORBERT	2,893,820
KAMEN, DEAN	2,789,141
KAMMERER, JASON R.	2,922,141
KANATA CHEMICAL TECHNOLOGIES INC.	2,740,500
KANAYAMA, TAKATOSHI	2,810,706
KANETA, SCOTT RAYMOND	2,941,283
KANETA, SHINJI	2,994,056
KANG, KWI MAN	2,918,934
KANNER, ABE	2,897,564
KAO, CHIH-PIN	2,814,982
KAPS, STEPHAN	2,752,966
KAPSCH TRAFFICCOM AG	2,749,706
KARASIC, GEOFFREY I.	2,770,725
KAST, MARTIN	2,820,202
KATO, HIROSHI	2,917,021
KATO, SATOSHI	2,879,540
KAUFMAN, NICHOLAS L.	2,931,262
KAUNDINYA, JOHN	2,746,350
KAWAMINAMI, EIJI	2,810,706
KAWASAKI, KAORU	2,879,540
KCI LICENSING, INC.	2,757,841
KEELER, CLIFTON G.	2,877,691
KEEN, SIMON WILLIAM	2,696,164
KEHLER, JAN	2,783,728
KEIDEL, CHRISTIAN JOACHIM	2,881,183
KELLEY, CALEB	2,938,136
KELLEY, PAUL V.	2,960,638
KELLOGG BROWN & ROOT LLC	2,744,477
KENNY, RICHARD JOHN	2,934,007
KER, VICTORIA	2,742,454
KER, VICTORIA	2,742,461
KERSEY, ALAN D.	2,836,803
KERWIN, JOHN M.	2,789,141
KHALILI, KAVEH	2,765,041
KHOSRAVANI, SHAHRIAR	2,871,035
KIKKAWA, YOSHITSUGI	2,994,056
KIKUIRI, KEI	2,918,715
KIKUTANI, TADASHI	2,757,997
KILBURN, JOHN PAUL	2,783,728
KIM, CHUN JOONG	2,797,831
KIM, HEE-TAE	2,874,458
KIM, STANLEY	2,834,772
KIM, YU JEONG	2,918,934
KIMBERLY-CLARK WORLDWIDE, INC.	2,797,204
KIMREE HI-TECH INC.	2,882,773
KIMURA, YOSHITAKA	2,750,753
KINIO, WALTER	2,996,257
KINISHI, RYOICHI	2,990,158
KIRBY, CHRIS	2,805,523
KISHI, NORIMASA	2,983,682
KITAZAWA, TAKEHISA	2,817,964
KITZER, PETER P.	2,856,052
KJAER, OLE	2,733,466
KJELSTRUP, JACOB A.	2,761,180
KLAUS, JERRY	2,791,213
KLAUSSNER, BERNHARD	2,925,388
KLEEFSTRA, MARTIJN	2,868,555
KLEGIN, JILL MARIE	2,789,968
KLEIN, FRANCOIS	2,748,227
KLEIN, FRANCOIS	2,752,601
KLOOSTERBOER, HELENIUS JAN	2,759,815
KNABE, STEVEN PATTON	2,914,272
KNIGHT, BRYON EDWARD	2,924,061
KNOP, RICHARD H.	2,814,449
KNUDSEN, LISBET BJERRE	2,792,624
KO, WOOSUK	2,921,893
KOBAN, MARY	2,944,695
KOBAYASHI, MAKOTO	2,987,814
KOCH, ANDREAS	2,790,616
KOCH, ROBERT L., JR.	2,791,052
KOCSIS, JODY A.	2,742,292
KODELA, NARESH K.	2,761,339
KOEBKE, KATHERINE	2,792,624
KOECK, ANTHONY	2,814,044
KOESTERS, PETER HUBERTUS	2,691,566
KOJIMA, TETSUO	2,817,964
KOLLAR, KEVIN J.	2,920,265
KOLLS, H. BROCK	2,814,642
KOMATSU, YOSHIMI	2,845,775
KONISHI, KATSUHIKO	2,792,403
KONSCHUH, CHRIS	2,846,739
KOO, CHANGHOI	2,813,247
KOOLMAN, MICHAEL	2,790,616
KOOP, LAURENTIUS GERARDUS MARIA	2,931,699
KOPONEN, TEEMU	2,913,167
KOREIS, ROCKE R.	2,637,422
KORSKI, STEPHEN	2,952,277
KOSIBA, ERIC D.	2,447,096
KOSS, ULRICH	2,862,751
KOTOWSKI, ANDREAS F.	2,710,655
KOUISNI, LAMFEDDAL	2,901,236
KOYITTI, REMITHA ANANDOTH	2,917,286
KOZUKA, HISASHI	2,869,627
KOZUKI, YUMIKO	2,827,631
KRAFT FOODS R&D, INC.	2,918,819
KRAMMER, CHRISTIAN	2,976,284
KRASNOPEROV, VALERY	2,696,164
KRAUS, PAUL R.	2,789,968
KRAUS, PAUL R.	2,794,444
KRAUSE, ANDREW	2,754,333
KREMER, MICHAEL PATRICK	2,789,968
KRISTENSEN, JENS JOERGEN SOEGAARD	2,792,624
KRUPER, WILLIAM J., JR.	2,859,168
KRUZENISKI, MICHAEL J.	2,760,976
KU, MANNCHING SHERRY	2,794,566
KUCHNIO, PIOTR	2,959,215
KUCHNIO, PIOTR	2,975,404
KUCKES, ARTHUR	2,765,719
KUHN, WOLFGANG	2,947,369
KUHNE, CRAIG MILLER	2,928,979
KUIPERS, ANNEKE	2,761,471
KULAWIK, JAMES R., II	2,869,601
KULAWIK, JAMES R., II	2,869,603
KUNDU, SAMAR KUMAR	2,751,756

KUNEMAN, MICHAEL	2,816,346
KUNTZ, ACHIM	2,926,986
KURCEBA, DAVID R.	2,843,862
KUREHA CORPORATION	2,897,937
KUROMI, YOSHIO	2,750,753
KUWAHARA, MIEKO	2,897,937
KUZNETSOV, VLADIMIR	2,875,286
KWON, WOO-SUNG	2,892,401
KWON, WOOSUK	2,921,893
KYOWA HAKKO KIRIN CO., LTD.	2,791,652
LABELLE, NORMAND	2,918,614
LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES	2,838,930
LABORATORIOS DEL DR. ESTEVE, S.A.	2,819,442
LABORATORIOS LEON FARMA SA	2,803,721
LABORATORIOS OJER PHARMA S.L.	2,814,103
LABOURDETTE, RACHEL	2,698,232
LABRIE, MARTIN	2,928,191
LACROIX, PHILIPPE	2,746,991
LAFARGE	2,775,152
LAGER, ARNAUD	2,806,460
LAGRANGE, TONY	2,640,098
LAITAR, DAVID STEPHEN	2,859,168
LAL, DHANANJAY	2,756,435
LALEG, MAKHLOUF	2,948,399
LALIBERTE, THOMAS R.	2,856,052
LALONDE, JOSEE	2,746,991
LAM, PATRICK	2,742,454
LAM, PATRICK	2,742,461
LANDIS + GYR	2,739,228
LANDMARK GRAPHICS CORPORATION	2,853,978
LANDMARK GRAPHICS CORPORATION	2,914,272
LANDMARK GRAPHICS CORPORATION, A HALLIBURTON COMPANY	2,936,404
LANE, HEIDI	2,637,255
LANGGARD, MORTEN	2,783,728
LANGLEY, JUSTIN	2,975,099
LANIER, GREGORY R., JR.	2,789,141
LANTHIOPEP B.V.	2,761,471
LAREDO, WALTER R.	2,862,795
LARIJANI, BANAFSHE	2,908,201
LARSEN, ARNE GUNNAR	2,892,795
LARSEN, TOMMY FREDERIK	2,801,429
LARSSON, INGEMAR	2,766,112
LARSSON, TOMAS	2,814,883
LARSSON, TOMAS	2,814,887
LASECKI, JONATHAN R.	2,858,083
LATHROP, TODD M.	2,756,435
LAURENT, PIERRE	2,758,902
LAW, BRIAN ROBERT	2,769,907
LAWTON, DAVID	2,843,862
LE DIGUARHER, THIERRY	2,918,217
LE TIRAN, ARNAUD	2,918,217
LE, THANH HA	2,816,933
LEBEAU, MICHAEL J.	2,788,651
LEBWOHL, DAVID	2,637,255
LECOMTE, JEREMIE	2,914,895
LEE, FRANK PING HAY	2,843,862
LEE, HOWARD M.	2,886,388
LEE, JI EUN	2,918,934
LEE, KWANG-SUB	2,874,458
LEE, TAMMY KEE-WAI	2,959,215
LEE, YOFAY KARI	2,914,587
LEED, ELAM	2,713,482
LEFAVOUR, JOHN	2,735,553
LEGGETT, MARK JAMES	2,944,225
LEHEURTEUX, CELINE C.L.	2,945,229
LEMNA, MARK S.	2,911,968
LENAU, DANIEL T.	2,686,447
LENNOX INDUSTRIES INC.	2,727,139
LEON MONZON, KALET	2,855,182
LEPIN, ERIC J.	2,698,343
LES LABORATOIRES SERVIER	2,918,217
LESAFFRE ET COMPAGNIE	2,700,424
LEV, MORDECHAI	2,769,639
LEVIN, STEVEN D.	2,683,145
LEVINE, RODNEY L.	2,926,481
LEWIS, KATHERINE E.	2,683,145
LEXISNEXIS	2,758,069
LEYS, DARREN	2,803,762
LG ELECTRONICS INC.	2,921,893
LI, JING	2,794,334
LI, JUN	2,813,247
LI, LIEQIANG	2,880,304
LI, SHERWIN C.	2,855,085
LI, YUNING	2,675,081
LIEBEL, GORDON H.	2,729,407
LIEBEL-FLARSHEIM COMPANY LLC	2,789,683
LIEBENBERG, WILNA	2,795,530
LIEBHERR-AEROSPACE LINDENBERG GMBH	2,752,966
LIEBOLD, STEPHEN M.	2,924,528
LIFTING SOLUTIONS ENERGY SERVICES INC.	2,814,574
LIGNY, YANNICK AIME EDDY	2,757,326
LILLEY, BRUCE	2,783,709
LIM, CHONG SOON	2,826,418
LIM, HOU-SEN	2,781,728
LIMBACH, KEITH	2,769,996
LIN, AMY	2,822,066
LIN, CHE-WEN	2,726,331
LIN, I-YIN	2,794,566
LIN, JUNNAN	2,834,714
LIN, XINGYU	2,945,853
LIND, SOEREN OEMANN	2,733,466
LINDE AKTIENGESELLSCHAFT	2,797,467
LINDMARK, BARRY	2,803,762
LINKEWICH, ZACHARY LINC ALEXANDER	2,904,452
LIPPMEIER, JAMES CASEY	2,755,667
LIRON, JOHN EDWARD	2,672,418
LISK, MIKE	2,803,884
LITAIZE, PIERRE-EMMANUEL	2,765,223
LITKE, RONALD	2,737,104
LITTLE, HERBERT	2,652,438
LIU, GREGORY	2,925,902
LIU, LI H.	2,779,679
LIU, QIUMING	2,882,773
LIU, WEI DAVID	2,853,978
LIU, YONGFU	2,814,594
LIU, ZHAOPING	2,786,757
LJUNGSTROEM, MATTIAS	2,786,241
LOFMAN, LARS-OLOF	2,814,883
LOFMAN, LARS-OLOF	2,814,887
LOGAN, MARK	2,718,696
LOGAN, WILLIAM DALE	2,955,343
LOH, KIAN PING	2,832,682
LONG, MICHAEL DEVIN	2,889,072
LOOSER, RALF	2,615,892
LOPEZ, MICHEL	2,815,958
LOS, ALRIK PIETER	2,758,396
LU, JUNXI	2,846,125
LU, MINGQUAN	2,875,900
LU, SHUIMING	2,740,500
LU, WEI-SHU	2,794,566
LUBBERGER, MICHAEL	2,921,478
LUBRIZOL ADVANCED MATERIALS, INC.	2,724,567
LUCAS, JACOB FRANK	2,761,180
LUE, HEJUN	2,762,916
LUEDKE, BRENT	2,852,125
LUESCHER, MATTHIAS	2,813,318
LUFT, MICHAEL RUDOLPH	2,856,135
LUGO, MARIO R.	2,839,284
LUHARUKA, RAJESH	2,696,248
LUMMUS TECHNOLOGY INC.	2,877,691
LUNA GUERRERO, VERONICA INMACULADA	2,806,294
LUNDGREN, DAN	2,941,089
LUTTER, STEFANIE	2,787,887
LYNCH, WENDELL	2,875,286
LYNDERUP, HENRIK FOMSGAARD	2,760,991
LYON, GREGORY	2,920,199
LYONS, ROBERT T.	2,685,522
MA, HUATENG	2,884,322
MA, JINGYUAN	2,672,725
MA, YUN	2,822,066
MACCHI, RICCARDO	2,791,376
MACDUFF, CHARLES COLIN	2,754,844
MACHATHA, STEPHEN G.	2,761,455
MACIAS ABRAHAM, AMPARO EMILIA	2,855,182
MACKIE, IAIN	2,790,520
MACKLEY, MALCOLM ROBERT	2,794,088
MACNEIL, DANIEL	2,950,365
MADDALENI, ROMANO	2,812,695
MAEDA, IKUO	2,884,239
MAGNA INTERNATIONAL INC.	2,795,876
MAHADEVAN, AMITKUMAR	2,736,453
MAHRENHOLZ, JOHN R.	2,766,860
MAKAROV, ALEXANDER ALEKSEEVICH	2,858,457
MAKDESSI, SOHEIL	2,844,608
MAKHLOUF, ISAM R.	2,895,043
MAKOWER, JOSHUA	2,925,902

MALDONADO, RAFAEL 2,836,612
MANDRO, MARC A. 2,789,141
MANFRED, TONY 2,948,399
MANION, JOSHUA R. 2,823,530
MANKIN, LUKE 2,575,481
MANLEY, KEVIN 2,771,239
MANSFIELD, SHAWN D. 2,851,231
MARAK, KNUT ARILD 2,840,508
MARASCO, CARLY LYNN 2,935,730
MARC, DAMIEN JACKY 2,830,575
MARCONI, ALESSANDRA 2,746,334
MARCONI, PATRICK 2,794,825
MARIAMPILLAI, BRIAN 2,968,882
MARIGO, MAURO 2,783,728
MARIMAN, NATHAN A. 2,742,666
MARKIN, RODNEY S. 2,789,952
MARKOVIC, GORAN 2,914,895
MARKS, JAMES D. 2,698,343
MARQUES, ANTONIO 2,937,020
MARQUEZ MORALES, AURORA MARIA 2,806,294
MARSDEN, ANDREW K. 2,859,460
MARSICANO, GIOVANNI 2,836,612
MARTIN, CATHERINE HOLLENBECK 2,784,731
MARTIN, JEAN-PAUL 2,776,283
MARTIN, KYLE 2,780,939
MARTIN-COCHER, GAELLE CHRISTINE 2,757,758
MARTINSON, RORY 2,954,907
MARTY, BRIAN L. 2,801,230
MARX, MARTIN J. 2,840,245
MASCHMEYER, DIETRICH 2,922,309
MASCHMEYER, WILLIAM R. 2,914,587
MASON, WILLIAM DALE 2,984,159
MASSACHUSETTS EYE & EAR INFIRMARY 2,669,693
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,770,725
MASSEY, VICTOR 2,832,539
MATROSOVA, VERA K. 2,926,481
MATSUI, TAKUYA 2,768,505
MATSUMURA, YASUSHI 2,792,403
MATSUNAGA, KIYOBUMI 2,890,315
MATSUNOBU, TORU 2,807,959
MATSUNOBU, TORU 2,826,418
MATSUNOBU, TORU 2,838,575
MATSUZAWA, TAKESHI 2,890,315
MATTHEWS RESOURCES, INC. 2,686,447
MAUCEC, MARKO 2,914,272
MAURER, ELISABETH 2,777,524
MAVENIR SYSTEMS, INC. 2,938,918
MAXWELL, HENRY 2,735,553
MB TELECOM LTD. 2,877,269
MCCALL, TRAVIS M. 2,852,125
MCCANN, JONATHAN 2,713,482
MCCARTHY, ROBERT J., JR. 2,776,283
MCCLELLAN, GEORGE W. 2,878,807
MCCOLGAN, BRIAN EDWARD ANTHONY 2,757,758
MCCOMISH, BRUCE E. 2,852,763
MCCORMACK, CHRISTOPHER 2,914,296
MCCUNE, BRIDGETT LYNN 2,806,134
MCDANIEL, KYLE A. 2,938,329
MCE-5 DEVELOPMENT 2,822,042
MCGINNIS, PETER 2,769,401
MCGREEVY, CRAIG 2,757,841
MCKILLICAN, BOYD 2,897,564
MCKINNEY, KELSEY A 2,927,882
MCMAHON, JOE 2,730,528
MCMILLAN, JOHN 2,604,807
MCMILLIN, MATTHEW 2,769,436
MCNEIL, DANIEL M. 2,843,862
MEADE, JEFFREY T. 2,841,148
MEADE-TOLLIN, LINDA C. 2,808,168
MEDERSKI, WERNER 2,804,069
MEDICAL COMPONENTS, INC. 2,742,178
MEDICAL COMPONENTS, INC. 2,808,051
MEDIMMUNE LIMITED 2,941,485
MEDTECH DETECT, LLC 2,814,449
MEDTRONIC MINIMED, INC. 2,930,100
MEDTRONIC VASCULAR, INC. 2,740,867
MEEHAN, STEVEN K. 2,846,125
MEHTA, SUNIL 2,730,528
MEHUS, RICHARD 2,750,909
MEHUS, RICHARD J. 2,794,444
MEIER, OLIVER C. 2,898,543
MELLERT, WERNER 2,615,892
MENG, QINGGUO 2,842,495
MENTOR WORLDWIDE LLC 2,792,431
MERCK PATENT GMBH 2,804,069
MERGE HEALTHCARE, INC. 2,718,696
MERINO, CARLOS 2,785,651
MERLIN, SIMONE 2,918,837
MESSIER-BUGATTI-DOWTY 2,918,614
MESSINA, LUCIANO 2,759,373
MESSINA, PAOLO 2,774,003
MESTA, LAURENT 2,766,704
MEYER-AHRENS, SVEN 2,670,190
MIAO, XIAOYU 2,976,557
MICHAUD, PASCAL 2,793,639
MICHAUX, GEORGES 2,838,930
MICRO MOTION, INC. 2,743,511
MICROSOFT TECHNOLOGY LICENSING, LLC 2,760,976
MICROSOFT TECHNOLOGY LICENSING, LLC 2,814,982
MICROSOFT TECHNOLOGY LICENSING, LLC 2,822,066
MICROSOFT TECHNOLOGY LICENSING, LLC 2,824,128
MIDDLETON, SCOTT W. 2,894,294
MIEILICA, EMILIAN 2,877,269
MIKIO KASSUYA, ROBERTO 2,831,716
MILGARD MANUFACTURING INCORPORATED 2,729,407
MILGARD MANUFACTURING INCORPORATED 2,803,764
MILGARD MANUFACTURING INCORPORATED 2,816,346
MILGARD MANUFACTURING INCORPORATED 2,832,539
MILLAR, GAVIN WALSH 2,980,806
MILLARD, MICHAEL G. 2,779,520
MILLENNIUM PHARMACEUTICALS, INC. 2,794,334
MILLER, BRANDON WAYNE 2,928,979
MILLER, BRYAN 2,902,645
MILLER, MATTHEW L. 2,862,293
MILLER, MATTHEW M. 2,938,329
MILLER, ROBERT 2,886,843
MILOUD-ALI, NADIA 2,793,070
MILSTEIN, DAVID 2,886,388
MINEKAWA,TAKAYUKI 2,761,078
MINERVINI, LEO 2,883,942
MIRZADEH, SAYED M. 2,914,272
MISHRA, SHASHI 2,793,531
MISTRETTA, NOELLE 2,761,917
MITANI, IKUO 2,768,505
MITRA, SAYANTAN 2,934,533
MITSUBISHI ELECTRIC CORPORATION 2,794,410
MITSUBISHI ELECTRIC R&D CENTRE EUROPE B.V. 2,794,410
MITSUBISHI HITACHI POWER SYSTEMS ENVIRONMENTAL SOLUTIONS, LTD. 2,750,753
MITSUBISHI STEEL MFG. CO., LTD. 2,946,377
MIURA, MASANORI 2,853,688
MIZUHARA, ERI 2,677,996
MIZUNO, ATSUSHI 2,880,153
MIZUTANI, MOTOFUMI 2,827,631
MO, XUNHUA 2,800,655
MOCK, BRIAN D. 2,930,183
MODI, PANKAJ 2,872,279
MODUMETAL, INC. 2,730,252
MOLANDER, ANDERS 2,746,852
MOLL, GERT NIKOLAAS 2,761,471
MOMPON, BERNARD 2,814,816
MONDI PRODUCTS LTD. 2,955,243
MONK, GAVAN 2,733,217
MONTABERT 2,808,992
MONTAGANO, MICHAEL 2,955,243
MONTAGNANI, FRANCO 2,812,695
MONTER-VALENZUELA, ULISES 2,851,147
MONTERO CASIMIRO, JOSE ENRIQUE 2,855,182
MONTERO-PENALVO, MARIA DE GRACIAS 2,806,294
MONTGOMERY, BENJAMIN 2,775,336
MOOG WOLVERHAMPTON LIMITED 2,795,502
MOON, KYOUNGSOO 2,921,893
MOONKA, RAJAS 2,809,980
MOORE, GREGORY 2,732,818
MOORE, JORDAN 2,814,574
MOORE, RUSSEL 2,814,574
MORALES MARTINEZ, JOSE ANDRES 2,806,294
MORAN, KEVIN 2,932,835
MORDEGLIA, ANTONELLO 2,904,967
MOREAU, MONIQUE 2,761,917
MORELLI, ROBERTO 2,812,695
MORGAN, RONNIE G. 2,902,889

MORGAN, WAYNE A.	2,930,100
MORIKAWA, TETSUYA	2,880,153
MORIMOTO, TORU	2,987,814
MORITA, STUART	2,834,772
MORPHO	2,816,933
MORRISS, JOHN H.	2,925,902
MORTON, EDWARD JAMES	2,864,078
MOSHER, GEROLD	2,761,455
MOTIVE POWER INDUSTRY CO., LTD.	2,936,457
MOTODA, DAI	2,768,505
MOTOROLA SOLUTIONS, INC.	2,895,043
MOTOROLA SOLUTIONS, INC.	2,931,378
MOUNT VERNON MILLS, INC.	2,714,688
MOVVA, ARAVIND B.	2,912,541
MUELLER, JAN	2,704,376
MUHL, WOLFGANG	2,928,803
MULLER, SVEN	2,827,899
MULLER, URS	2,909,893
MULLER, WALTER	2,898,564
MULLIS, JOE	2,964,476
MULUMUDI, MAHESH S.	2,927,190
MULUMUDI, SUMAN K.	2,927,190
MUMA, MICHAEL C.	2,637,422
MUNSON, JAMES R.	2,715,246
MUNTEANU, DORU	2,877,269
MUNZENBERGER, RALF	2,739,155
MURAI, TOSHIHARU	2,884,239
MURATA, TAKAHIKO	2,792,403
MURPHY, ALISON	2,672,725
MURPHY, COLIN H.	2,789,141
MURPHY, ROBERT J.	2,862,293
MURPHY, STEVEN JAMES	2,927,268
MURRAY, CHRISTOPHER WILLIAM	2,757,326
MURRAY, JAMES BROOKE	2,918,217
MUTO, ATSUSHI	2,817,964
MUTZENEEK, JAMES	2,928,800
MYHRE, MORTEN	2,892,795
MYLLYOJA, JUKKA	2,863,470
N.E.T. SRL	2,847,491
NAERUM, LARS	2,808,169
NAIMAGON, ALEXANDER	2,798,361
NAING, SUE MON THET	2,826,418
NAITO, YOSHIHIKO	2,757,997
NAJMEDDINE, HALA	2,739,228
NAKAGAWA, YASUKO	2,677,996
NAKAGAWA, YOSHITO	2,990,158
NAKAMURA, HIROSHI	2,829,749
NALL, BRADLEY M.	2,769,436
NANOSTRING TECHNOLOGIES, INC.	2,775,613
NARROSCHKE, MATTHIAS	2,825,671
NASHASHIBI, IMAD	2,672,725
NATIONAL INSTITUTE OF BIOLOGICAL SCIENCES, BEIJING	2,945,853
NATIONAL RESEARCH COUNCIL OF CANADA	2,745,852
NATIONAL RESEARCH COUNCIL OF CANADA	2,790,520
NATIONAL UNIVERSITY OF SINGAPORE	2,832,682
NAUMOVITZ, JOSEPH P.	2,862,751
NEA, LARRY	2,575,481
NEATROUR, JOEL DAVID	2,893,596
NEC PLATFORMS, LTD.	2,987,814
NEELY, DARROLL JOSEPH	2,858,083
NEELY, DARROLL JOSEPH	2,858,400
NEOCOM MULTIMEDIA	2,788,194
NEOLOGY, INC.	2,964,476
NESA, GUILLAUME	2,711,410
NESTE OYJ	2,863,470
NESTEC S.A.	2,755,906
NESTEC S.A.	2,781,748
NESTEC S.A.	2,806,134
NETSTAL-MASCHINEN AG	2,766,467
NEUGEBAUER, CHARLES FRANCIS	2,771,935
NEUHAUSER, ALAN	2,875,286
NEULIEB, ROBERT	2,997,053
NEW CHAPTER, INC.	2,612,048
NEW YORK AIR BRAKE LLC	2,997,053
NEWHARD, DOUGLAS G.	2,447,096
NEWMAN, ROBERT	2,612,048
NEWMARK, THOMAS	2,612,048
NEXEN ENERGY ULC	2,762,416
NGK SPARK PLUG CO., LTD.	2,869,627
NGK SPARK PLUG CO., LTD.	2,880,153
NGUYEN, NHU	2,918,614
NGUYEN, PHILIP D.	2,930,183
NGUYEN, PIERRE	2,822,417
NICIRA, INC.	2,913,167
NIEDERMEIER, ANDREAS	2,918,804
NIEHAUS, WILLIAM A.	2,931,262
NIELSEN, JACOB	2,783,728
NIELSEN, NIELS	2,743,679
NIENABER, QUINTIN	2,783,709
NIES, JACOB JOHANNES	2,743,656
NIKE INNOVATE C.V.	2,821,274
NIKE INNOVATE C.V.	2,861,658
NIKLAUS, FRANK	2,782,262
NIKOLIC, DAVID	2,755,906
NILSON, DAVID G.	2,839,872
NINGBO ENERGY MATERIAL TECHNOLOGY CO., LTD	2,786,757
NINGBO INSTITUTE OF MATERIALS TECHNOLOGY AND ENGINEERING, CHINESE ACADEMY OF SCIENCES	2,786,757
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,879,540
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,880,946
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,912,169
NIPPON TELEGRAPH AND TELEPHONE EAST CORPORATION	2,987,814
NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION	2,987,814
NISHI, TAKAHIRO	2,807,959
NISHI, TAKAHIRO	2,826,418
NISHI, TAKAHIRO	2,838,575
NISHIDA, YUKIKO	2,817,964
NISHIMORI, TAKEHIRO	2,884,239
NISSAN MOTOR CO., LTD.	2,983,682
NISSEN, POUL	2,808,169
NITZEL, GREGORY P.	2,869,601
NITZEL, GREGORY P.	2,869,603
NIWA, RINPEI	2,791,652
NIXON, TIMOTHY J.	2,902,620
NODA, KEN	2,941,287
NOLSEN, ANDRE	2,886,843
NONAKA, TOSHIKI	2,879,540
NORIEGA, AIMET	2,905,985
NORLING, JONAS	2,759,467
NORMAN, THOMAS H.	2,737,104
NORTH-WEST UNIVERSITY	2,795,530
NORTHCOTT, GEOFF	2,821,274
NORTON, PAUL K.	2,870,170
NORWOOD, BOBBY N.	2,930,137
NORWOOD, CATHERINE M.	2,876,691
NOVA CHEMICALS CORPORATION	2,742,454
NOVA CHEMICALS CORPORATION	2,742,461
NOVAK, KRISZTIAN	2,917,760
NOVARTIS AG	2,637,255
NOVARTIS AG	2,731,321
NOVARTIS AG	2,862,795
NOVARTIS AG	2,969,980
NOVOMATIC AG	2,856,135
NTT DOCOMO, INC.	2,877,916
NTT DOCOMO, INC.	2,918,715
NUNES, LEONARDO DE OLIVEIRA	2,934,782
NUOVO PIGNONE S.P.A.	2,715,169
NYALAMADUGU, SHESHI	2,964,476
NYMAN, RICKARD	2,941,089
O'CONNELL, KEVIN J.	2,967,025
O'HAGAN, DEREK	2,751,379
O'KEEFE, CHRISTIAN V.	2,836,803
OBAIA, KHALED	2,950,365
OCV INTELLECTUAL CAPITAL, LLC	2,769,401
ODINAK, GILAD	2,886,388
OETIKER SCHWEIZ AG	2,909,893
OFFORD, DAVID	2,792,813
OGLE, JAMES WILLIAM	2,930,183
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AHIRWAL, DEEPAK 3,005,939
AHMADI, MORTEZA 3,006,202
AHMED, HANY 3,006,318
AHMED, SUAAD 3,005,794
AHO, JANI 3,005,940
AHTCHI-ALI, BADREDDINE 3,005,606
AITKEN, MICHAEL 3,005,673
AKAISHI, MINORU 3,005,720
AKHMADI EKO, WARDOYO 3,005,720
AL-HAJ ALI, MOHAMMAD 3,005,935
AL-HAJ ALI, MOHAMMAD 3,005,940
ALBERT, ADRIAN 3,005,942
ALBERT, VICTOR V. 3,004,750
ALBUMEDIX LTD 3,005,953
ALIMENTARY HEALTH LIMITED 3,006,176
ALLAIN, LEONARDO R. 3,006,192
ALLAWAY, DAVID 3,005,956
ALLEN, WILLIAM J. 3,006,068
ALLERT, MALIN J. 3,005,831
ALLERT, MALIN J. 3,005,883
ALLERT, MALIN J. 3,005,890
ALLERT, MALIN J. 3,005,892
ALLMENDINGER, THOMAS 3,006,254
ALMOG RESCUE SYSTEMS LTD. 3,005,965
ALMONACID, DANIEL 3,005,963
ALMONACID, DANIEL 3,005,985
ALMONACID, DANIEL 3,005,987
ALMONACID, DANIEL 3,006,036
ALMONACID, DANIEL 3,006,044
ALMONACID, DANIEL 3,006,057
ALMONACID, DANIEL 3,006,059
ALPHA BIOPESTICIDES LIMITED 3,005,982
ALSOP, DANNY E., SR. 3,005,859
ALTMAN, HERNAN 3,005,752
AMAZON TECHNOLOGIES, INC. 3,005,915
AMAZON TECHNOLOGIES, INC. 3,006,066
AMBROISE, BENOIT 3,005,872
AMCOFF, LOVE 3,005,693
AMIGHI, KARIM 3,005,992
AMIGUES, BEATRICE 3,005,986
AMO WAVEFRONT SCIENCES, LLC 3,005,955
AMOREPACIFIC CORPORATION 3,005,585
ANDERSON, AMANDA K. 3,005,752
ANDREASEN, JACOB D. 3,005,659
ANGAL, ADITYA JAYANT 3,006,068
ANGEL PLAYING CARDS CO., LTD. 3,005,589
ANHEUSER-BUSCH INBEV S.A. 3,006,145
ANICHITEI, IONEL-CRISTINEL 3,006,003
ANIDO FOLGUEIRA, JUDIT 3,006,168
ANNABI, BORHANE 3,006,313
ANNEXON, INC. 3,006,092
ANSALDO ENERGIA SWITZERLAND AG 3,005,564
ANTIKOR BIOPHARMA LIMITED 2,999,384
ANTUNES, RAFAEL 3,005,806
APPLIED LIFESCIENCES AND SYSTEMS, LLC 3,005,331
APPLIED LIFESCIENCES AND SYSTEMS, LLC 3,005,337
APPLIED MEDICAL RESOURCES CORPORATION 3,005,880
APTE, ZACHARY 3,005,963
APTE, ZACHARY 3,005,985
APTE, ZACHARY 3,005,987
APTE, ZACHARY 3,006,036
APTE, ZACHARY 3,006,044
APTE, ZACHARY 3,006,057
APTE, ZACHARY 3,006,059
ARAGANE, YOSUKE 3,006,244
ARCELORMITTAL 3,006,324
ARCHAMBAULT, PHILIPPE 3,006,115
ARCHIBALD, THOMAS EDWIN 2,993,241
ARDEA BIOSCIENCES, INC. 3,006,167
ARENA PHARMACEUTICALS, INC. 3,002,525
ARENA PHARMACEUTICALS, INC. 3,002,544
ARENA PHARMACEUTICALS, INC. 3,002,551
ARIA, ADRIANUS I. 3,005,768
ARIAANS, GERARDUS JOSEPH ANDREAS 3,005,294
ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA 3,005,623
ARKEMA FRANCE 3,005,283
ARMAND, MICHEL 3,004,687
ARMSTRONG, CHARLES DAVID 3,006,061
ARNAUTU, FLORIAN 3,006,324
ARNOLD, PETRA 3,006,151
ARNOLD, RACHELLE 3,005,734
ARQULE, INC. 3,006,077
ARQULE, INC. 3,006,081
ARTVEOLI, INC. 3,005,972
ASHMIN HOLDING LLC 3,006,024

ASHWORTH, CHRISTOPHER KEN 3,005,868
ASPLUND, JOHAN 3,005,693
ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS 3,005,930
ASTERJADHI, ALFRED 3,006,019
ASTRAZENECA AB 3,006,167
ATCHLEY, MICHAEL D. 3,006,089
ATOMIC ENERGY OF CANADA LIMITED / ENERGIE ATOMIQUE DU CANADA LIMITEE 3,005,688
ATS MER, LLC 3,005,884
ATTIE, KENNETH M. 3,005,975
AUDONNET, JEAN-CHRISTOPHE 3,006,078
AUGER, COREY 3,005,770
AUSTRALIAN BIOMEDICAL CO. PTY LTD 3,005,774
AUTOMOBILI LAMBORGHINI S.P.A. 3,005,594
AV-GAY, YOSSEF 2,997,896
AVADHUTA, PRUTHVI RAJ 3,005,792
AVINTIV SPECIALTY MATERIALS INC. 3,005,881
AXELSSON, KATERINA 3,006,199
AXOVANT SCIENCES GMBH 3,002,801
AYAMBEM, AMBA 3,006,084
AYER, ARUNA 3,006,233
AYLWARD, BRIAN PATRICK 3,005,597
AYLWARD, BRIAN PATRICK 3,005,601
AZTHERAPIES, INC. 3,005,887
AZTHERAPIES, INC. 3,005,909
B. LITTLE & COMPANY, INC. 3,005,866
BABCOCK, GREGORY 3,006,058
BABU, SATHYA 3,005,689
BABYLISS FACO SPRL 3,005,777
BADI, ABDELHAK 3,006,115
BADRINATH, SOUMYA 3,005,910
BAIER, SHAWN 3,004,958
BAKER HUGHES, A GE COMPANY, LLC 3,005,596
BAKER HUGHES, A GE COMPANY, LLC 3,005,645
BAKER HUGHES, A GE COMPANY, LLC 3,006,061
BALASUBRAMANIAN, SANTHOSH 3,005,631
BALDWIN, DOUGLAS EUGENE 3,005,618
BALLARINO, MAURIZIO 3,005,834
BALLET, WIM 3,006,236
BALTZ, JAMES PAUL 3,005,745
BANISSI, CLAIRE 3,005,930
BANKS, CHARLES 3,006,253
BARATTA, ANTHONY 3,005,558
BARBEE, BRENT W. 3,006,085
BARBERA, TODD J. 3,005,895
BARCO NV 3,006,228
BARNHART, BRYAN C. 3,005,855
BARON INNOVATIVE TECHNOLOGY LP 3,005,558
BARR, DOUGLAS 3,005,610
BARROW, JAMES 3,006,189
BARTENBACH, JEFF 3,005,943
BARTENBACH, JEFF 3,005,944
BARTENBACH, JEFF 3,005,946
BARVE, SUYOG 3,005,735
BASF CORPORATION 3,005,574
BASF CORPORATION 3,006,197
BASF SE 3,005,661
BASF SE 3,006,151
BASF SE 3,006,252
BASF SE 3,006,277
BASSI, CORRADO 3,006,318
BASTID, JEREMY 3,005,986
BATES, CRAIG 3,006,077
BATES, CRAIG 3,006,081
BATES, MARTYN LEE 2,988,019
BATISTA, RUI 3,005,578
BATISTA, RUI 3,005,582
BATISTA, RUI NUNO 3,005,687
BATISTA, RUI NUNO 3,006,266
BATRA, RANJAN 3,005,968
BATTINI, JEAN-LUC 3,005,669
BAUER, SCOTT P. 3,005,710
BAXALTA GMBH 3,005,565
BAXALTA INCORPORATED 3,005,565
BAYAT, DARA 3,006,140
BAYER HEALTHCARE LLC 3,005,970
BAYER HEALTHCARE LLC 3,005,974
BCR ENVIRONMENTAL CORPORATION 3,006,295
BEAN, ANDREW 3,005,980
BEAN, ANDREW 3,005,989
BECHSTEIN, JUSTIN 3,005,970
BEHBAHANI, SIAVOSH REZVAN 3,005,963
BEHBAHANI, SIAVOSH REZVAN 3,005,985
BEHBAHANI, SIAVOSH REZVAN 3,005,987
BEHBAHANI, SIAVOSH REZVAN 3,006,036
BEHBAHANI, SIAVOSH REZVAN 3,006,044
BEHBAHANI, SIAVOSH REZVAN 3,006,057
BEHBAHANI, SIAVOSH REZVAN 3,006,059
BEIJ, WOUTER 3,005,617
BEIM, PIRAYE YURTTAS 3,005,839
BELIVEAU, RICHARD 3,006,313
BELLINI, FRANCESCO 3,005,754
BELLINVIA, SALVATORE 3,005,932
BELLIS, JULIEN 3,005,669
BELNAVIS, DOROTHY 3,005,771
BELOSEVIC, VJEKOSLAV 3,005,938
BELSLEY, KENDALL 3,005,603
BEN MENASHE, ABRAHAM 3,006,011
BENDER, ANDREW 3,005,764
BENDIX COMMERCIAL VEHICLE SYSTEMS LLC 3,006,035
BENNETT, CHRIS 3,005,903
BENTLEY, MICHAEL 3,005,716
BERG, MARK E. 3,005,742
BERG, MARK E. 3,005,757
BERGSTRA, MICHIEL 3,005,940
BERNSTEIN, AARON SAMUEL 3,006,270
BERTOLI, MATTEO 3,005,834
BESTWICK, HALEY POOLE 3,006,182
BETTI DE GMBH 3,005,923
BEYOND INDUSTRIES (NANJING) LIMITED 2,991,735
BHAMBHANI, TARUN 3,006,034
BHAT, BALKRISHEN 3,003,267
BHATTA, PALLAVI 3,005,523
BIBILLO, ARKADIUSZ 3,006,233
BIESHEUVEL, CORNELIS 3,005,613
BIFULCO, NEIL, JR. 3,005,741
BIMANAND, ALEXANDER 3,006,276
BIOCOMPATIBILITY INNOVATION SRL 3,006,234
BIOINTERACTIONS LTD. 3,006,161
BIOLAB SANUS FARMACEUTICA LTDA 3,001,043
BIONCOTECH THERAPEUTICS, S.L. 3,005,492
BIOTAGE AB 3,005,693
BIOTECNOLOGICA EMPRESARIAL DEL SUR SPA 3,005,947
BIOZEP AS 3,006,162
BIRCH, CHANDLER MORGAN 3,005,804
BIRTLES, STEPHEN 3,006,246
BISAKA, KABWIKA 3,005,810
BISHOP, BRIAN 3,005,665
BITDEFENDER IPR MANAGEMENT LTD 3,006,003
BITTNER, ERIC E. 3,005,636
BITZOUNIS, ARTHUR 3,006,241
BIYYALA, VARSHA 3,006,192
BJERKE, NATHAN 3,005,849
BLACK, KATIE 3,005,880
BLACKBURN, ANTHONY C. 3,002,551
BLACKMON, MATTHEW B. 3,005,621
BLASCO ANDREU, RAFAEL 3,005,941
BLAST MOTION INC. 3,005,716
BLAZER, BRADLEY JEROME 3,005,836
BLAZEWICZ, RYAN VINCENT 3,005,893
BLESSING, OTTO 3,005,938
BLIN, PATRICK 3,006,040
BLIZZARD, CHARLES D. 3,006,303
BLOMENROHR, MARION 3,005,294
BLOODCENTER RESEARCH FOUNDATION 3,005,753
BLUEPRINT MEDICINES CORPORATION 3,005,741
BLY IP INC. 3,006,082
BLY IP, INC. 3,006,076
BODA, RYAN ADAM 3,003,744
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 3,006,235
BOLES, T. CHRISTIAN 3,005,895
BOLLSTROM, ROGER 3,005,649
BOLLSTROM, ROGER 3,005,672
BOLSTER, DOUGLAS 3,004,085
BOLTON, JEFF MICHAEL 3,005,746
BOLYMEDIA HOLDINGS CO. LTD. 3,005,660
BOLZ, DAVID 3,006,136
BOMBARDIER INC. 3,005,786

BOMBARDIER INC. 3,005,943
BOMBARDIER INC. 3,005,944
BOMBARDIER INC. 3,005,946
BOMCHIL, NATALIA 3,006,078
BONICATTO, DAMIAN 3,006,030
BOOTHROYD, CHRISTOPHER CRAIG 3,005,770
BOOTSMA, JASON 3,006,293
BOOTSMA, JASON 3,006,308
BORDEAU, JOHN 3,005,785
BOREALIS AG 3,005,935
BOREALIS AG 3,005,940
BORTOLOTTI, LUCA 3,006,149
BOS, METTINE H.A. 3,006,175
BOSE, BHASKAR 3,005,716
BOTTO, JEAN-MARIE 3,005,605
BOURDONCLE, WILLIAM J. 3,006,080
BOWLES, STEVEN E. 3,005,834
BOYCE, MATTHEW 3,005,657
BOYD, PETER EDWARD 3,006,068
BOYD, SCOTT A. 3,006,038
BOYLE, NORMAN 3,005,644
BOZUNG, TIMOTHY J. 3,005,991
BP CORPORATION NORTH AMERICA INC. 3,006,279
BRACAMONTE, LORI 3,005,884
BRACCO INJENEERING SA 3,005,701
BRACCO INJENEERING SA 3,005,702
BRAIS, SYLVAIN 3,005,786
BRANDT, KEN 3,005,587
BRATZ, MATTHIAS 3,005,661
BRENING, SCOTT 3,005,558
BRESLIN, TRACY 3,005,880
BREUKEL, CORNELIS MARINUS GIJSBERTUS ADRIANUS MARIA 3,005,586
BRIER, ERIC 2,988,357
BRIERLEY, RICHARD T. 3,004,750
BRIGHT, BEN 3,005,654
BRISTOL, INC., D/B/A REMOTE AUTOMATION SOLUTIONS 3,006,208
BRISTOL-MYERS SQUIBB COMPANY 3,005,855
BRISTOL-MYERS SQUIBB COMPANY 3,006,291
BROOKER, ALAN THOMAS 3,005,652
BROWN, GABRIELLA CHRISTINA JOHANNA 3,006,269
BROWN, GILES ALBERT 3,003,669
BRUCE, PAUL JOHN KENNETH 3,005,801
BRUDERMANN, HANS JORG 3,005,691
BRUGGER, NADIA 3,005,766
BRUN, MICHEL 3,005,927
BRUNATI, MARA 3,006,146
BUEKENHOUDT, ANITA 3,005,699
BUET, EMILIEN 3,005,329
BUET, EMILIEN 3,005,575
BUI, VU 3,005,562
BULLOCK, TIMOTHY CHARLES 3,006,243
BUNDY, DAVID 3,005,554
BUNEL, CHRISTOPHE 3,005,808
BURGER, DANIEL DAVID 2,991,735
BURGESS, DARREN R. 3,006,085
BURHAN, AASIYA 3,006,251
BURINI, MICHELE 2,993,767
BURKE, GERRY 3,006,167
BURKE, MATTHEW PIERS 3,005,778
BURKE, PATRICK J. 3,006,000
BURNETT, DUANE A. 3,002,801
BURNS, DENISE K. 3,005,771
BURSAVICH, MATTHEW GREGORY 3,002,801
BUTTERFLY NETWORK, INC. 3,005,680
BUTTERFLY NETWORK, INC. 3,006,064
BUTTERFLY NETWORK, INC. 3,006,067
BUTTERS, BRIAN E. 3,005,698
BUTTON, JULIE 3,006,187
BUYSE, MARIE-ANGE 3,005,488
BUYSE, MARIE-ANGE 3,006,235
C3 IOT, INC. 3,005,942
CADEL, RAOUL 3,006,210
CAFIERO, CLAUDIO 3,005,290
CAFIERO, CLAUDIO 3,005,291
CAIN, BRIAN 3,005,970
CALIFORNIA INSTITUTE OF TECHNOLOGY 3,005,768
CALIWAY BIOPHARMACEUTICALS CO., LTD. 2,995,155
CALIWAY BIOPHARMACEUTICALS CO., LTD. 2,995,158
CALLAN, JOHN 3,006,018
CALLEMO, DAVID 3,005,626
CALLEMO, DAVID 3,005,646
CALLEMO, DAVID 3,005,653
CALLEMO, DAVID 3,005,679
CAMACHO, SUSANA 3,006,177
CAMBDEV LIMITED 3,006,243
CAMBRUZZI, ANDREA 3,005,984
CAMPAGNA, MATTHEW JOHN 3,005,915
CAMPBELL, DONALD B. 3,005,973
CAMPIN, JOHN ALFRED 3,005,954
CAMPOMANES, PATRICK SIMON 3,005,731
CAN-FITE BIOPHARMA LTD. 3,005,961
CANDIANI, GIANPAOLO 3,006,146
CANELLA, DANIEL 3,005,926
CANOVA, STEVE 3,004,765
CANOVAS VIDAL, CARMEN 3,005,955
CAPASSO, FEDERICO 3,006,173
CAPELLI, FRANCO IVAN 3,006,210
CARBO CERAMICS INC. 3,004,765
CARBO CERAMICS INC. 3,006,065
CARDINALE, MICHAEL 3,005,729
CARENZI, GIACOMO 3,006,146
CARGILL, INCORPORATED 3,005,993
CARL ZEISS VISION INTERNATIONAL GMBH 3,005,795
CARLAY, RONALD L. 3,005,973
CARLISLE FLUID TECHNOLOGIES, INC. 3,005,745
CARLISLE FLUID TECHNOLOGIES, INC. 3,006,292
CARLOS, MARLON 3,002,551
CARLSON, DAVID 3,006,319
CARLSON, GILBERT L. 3,005,554
CARLSON, TING LIU 3,005,993
CARON, SERGE 3,006,221
CARON-FELLENS, JEAN-PAUL 3,005,577
CARPENTIER, ANTOINE 3,005,930
CARRANO, LUCIA 3,006,146
CARRARO, ANDREA 3,006,266
CARRAWAY, DANIEL 3,005,734
CARREA, ALBERTO 2,992,411
CARRICK, CHRISTOPHER 3,005,772
CARRO DIAZ, EVA MARIA 3,005,784
CASALINI, ALESSANDRO 3,005,967
CASAS-CABANAS, MONTSE 3,004,687
CASEBIER, DAVID S. 3,006,054
CASPER, ANDREW J. 3,006,064
CASTAGNER, BASTIEN 3,005,933
CASTANEDA GUTIERREZ, EURIDICE 3,006,177
CASTRO, RYAN O. 3,002,551
CATERPILLAR INC. 3,005,731
CATERPILLAR INC. 3,005,849
CATERPILLAR INC. 3,005,913
CATRON, ROBERT 3,006,070
CATRON, ROBERT 3,006,072
CAVALLINO, CHARLES L. 3,006,203
CBROS TECHNOLOGIES, LLC 3,005,869
CECH, CYNTHIA 3,006,233
CELIK, ILHAN 3,005,764
CELLPHIRE, INC. 3,005,615
CELMATIX INC. 3,005,839
CENDON, LUCIANA 3,005,768
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,005,527
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,005,669
CEPPI, FRANCOIS 3,005,590
CERMENATI, LAURA 3,005,939
CERUS ENDOVASCULAR LIMITED 3,005,686
CESATI, RICHARD R., III 3,006,054
CEULEMANS, RAPHAEL ANGELINE ALFONS 3,005,939
CHABERT, RACHEL 3,005,605
CHAE, JEIWOOK 3,006,242
CHAE, JEIWOOK 3,006,247
CHAE, JEIWOOK 3,006,249
CHAKRABORTY, INDRANI 3,005,855
CHAMBOURNIER, GILLES 3,005,707
CHANG, ARVIN T. 3,005,752
CHANG, HAO-CHEN 3,005,877
CHANG, KIN-TAI 3,005,976
CHANG, YU-WEN 3,005,607
CHAPAGAIN, PRADEEP 3,005,913
CHARFI, CYNDIA 3,006,313
CHARLTON, REBECCA LOUISE 3,005,809
CHASSOT, PIERRE YVES 3,005,701
CHASSOT, PIERRE-YVES 3,005,702
CHEA, SARAH 3,006,074

CHECHELSKI JOHNSTON, NATALIE B. 3,006,233
CHEFSTEPS, INC. 3,005,618
CHEME SOLUTIONS PROCESS ENGINEERING, INC. 3,006,280
CHEMOCENTRYX, INC. 3,005,656
CHEMOCENTRYX, INC. 3,005,737
CHEN, CHIA-WEN 3,005,605
CHEN, GUODONG 3,005,855
CHEN, JENNIFER SHIEN-MING 3,005,631
CHEN, KAILIANG 3,005,680
CHEN, KAILIANG 3,006,064
CHEN, KAILIANG 3,006,067
CHEN, WANSHI 3,005,846
CHEN, XI 3,005,656
CHEN, XI 3,005,737
CHEN, YANGBIN 3,005,836
CHEN, YONGSHENG 3,005,551
CHEN, YONGSHENG 3,005,674
CHEN, YU 3,005,825
CHEN, ZITIAN 3,005,671
CHEP TECHNOLOGY PTY LIMITED 3,005,587
CHERIAN, GEORGE 3,006,019
CHIEN, CHING-KEE 3,005,836
CHIESI FARMACEUTICI S.P.A. 3,005,290
CHIESI FARMACEUTICI S.P.A. 3,005,291
CHIGANCAS, VANESA 3,006,168
CHITTATTUKARA, SHOY GEORGE 3,005,708
CHIYODA CORPORATION 3,005,951
CHIYODA CORPORATION 3,005,958
CHOI, HYO JUNG 3,006,242
CHOI, HYO JUNG 3,006,247
CHOI, HYO JUNG 3,006,249
CHOI, JIN WOO 2,996,494
CHOPIN, FRANCK J. 3,006,080
CHOUDHARY, YOGESH KUMAR 3,005,962
CHRISTEN, LUKAS 3,006,023
CHRISTIANSON, MARK 3,005,908
CHU, JIANYING 3,005,717
CHUGAI SEIYAKU KABUSHIKI KAISHA 3,005,592
CHUN, BYONG-WA 3,005,553
CHUN, JONG YOON 3,005,600
CHUNG, CHUL-WOONG 3,006,242
CHUNG, CHUL-WOONG 3,006,247
CHUNG, CHUL-WOONG 3,006,249
CHUNG, KOON FOR 3,005,663
CIC ENERGIGUNE 3,004,687
CIMPEANU, CARMEN-ELENA 3,006,151
CINA, CIMA 3,005,937
CIOCAS, RADU-IOAN 3,006,003
CLAREMON, DAVID A. 3,005,658
CLAREMON, DAVID A. 3,005,945
CLARIANCE 3,005,328
CLARIANT INTERNATIONAL LTD 3,005,567
CLARK, NEIL J. 3,005,852
CLAUSEN, LYDIA DAHL 3,006,271
CLEMENSON, MATTHEW ALLEN 3,005,873
CLERC, VINCENT 3,005,651
CLEVENNA, ANDREW 3,005,328
COATS, ANDREW 3,005,459
COCHRAN, PAUL WESLEY 3,006,068
COELHO, PEDRO 3,005,562
COHEN, SHIRA 3,005,961
COHN, SIMON 3,005,729
COIL SOLUTIONS, INC. 3,005,988
COKER, ROB 3,005,554
COLE, ERIC V. 3,005,852
COLLEGENET, INC. 3,005,746
COLLINS, CHARLES EVAN 3,006,296
COLOGNI, ALBERTO 3,006,149
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 3,005,980
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 3,005,989
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,005,288
CONLON, BRENDAN 3,005,662
CONLON, BRENDAN 3,005,690
CONNER, BRIAN 3,005,943
CONNER, BRIAN 3,005,944
CONNOR, KIP M. 3,005,874
CONSTANCE THERAPEUTICS, INC. 3,006,182
CONVERGENE LLC 3,006,300
COOBX AG 3,006,213
COOK, ANDREW SIMON 3,002,801
COOK, DAVID 3,006,187
COOK, PATRICK 3,005,868
COPLAND, RICHARD J. 3,005,955
CORDOVA, ARMANDO 3,005,670
CORNING OPTICAL COMMUNICATIONS LLC 3,005,718
CORNING OPTICAL COMMUNICATIONS LLC 3,005,836
CORNING OPTICAL COMMUNICATIONS LLC 3,005,838
CORNING OPTICAL COMMUNICATIONS LLC 3,006,273
CORRENTI, COLIN E. 3,005,928
CORTHALS, STEVEN 3,005,613
COSMO-CONNECTED 3,006,142
COSTELLA, STEPHEN 3,005,796
COULON, DAVID 3,005,277
COUMANS, RUDY GERARDUS ELISABETH 3,005,294
COURGNAUD, VALERIE 3,005,669
COURTER, JOEL 3,006,000
COUSLEY, MICHAEL 3,005,970
COVESTRO DEUTSCHLAND AG 3,005,676
COWAN, KEVIN 3,005,970
COWAN, KEVIN P. 3,005,974
CRABOS, FABRICE 3,005,271
CRAIG, TIMOTHY KELLOGG 3,006,233
CRAWFORD, GEORGE 3,006,045
CRAWFORD, JAMES JOHN 3,005,551
CRAWFORD, JAMES JOHN 3,005,674
CRISALLI, PETER 3,006,233
CROMIE, KAREN 3,006,235
CROSSFORD INTERNATIONAL, LLC 3,006,268
CROSSFORD INTERNATIONAL, LLC 3,006,289
CUCCHI GIOVANNI & C. S.R.L. 3,005,497
CUCCHI, CESARE 3,005,497
CUI, WEIGUO 3,005,753
CURA, ELISABETH 3,005,850
CURA, ELISABETH 3,005,851
CURA, ELISABETH 3,005,870
CURICAL TECHNOLOGIES LTD. 3,004,690
CURRIE, JAMES ROBERT 3,006,282
CURRIE, JEAN-CHRISTOPHE 3,006,313
CURRIE, RICHARD ANDREW 3,006,282
CURRY, DAVID P. 3,005,882
CYGNUS BIOSCIENCES (BEIJING) CO. LTD. 3,005,671
CYTEC INDUSTRIES INC. 3,006,034
D'AQUANNI, PETER J. 3,005,554
D'ARCY, SHONA 3,005,662
D'ARCY, SHONA 3,005,690
D. WESTERN THERAPEUTICS INSTITUTE, INC. 3,005,714
DAETWYLER SWISSTEC AG 3,005,691
DAGAN, DANIEL 3,005,712
DALERBA, PIERO D. 3,005,911
DALLEMAGNE, PHILIPPE 3,005,668
DAN RAZ LTD. 3,006,022
DANA-FARBER CANCER INSTITUTE, INC. 3,005,910
DANDAWATE, MONICA RAJENDRA 3,005,708
DANIEL, ANDREAS 3,005,938
DANIMER BIOPLASTICS, INC. 3,005,734
DARANGA, CODRIN 3,005,330
DAROLLES, ISABELLE M. 3,005,768
DARRE, BJARNE 3,005,762
DAUBER, THOMAS W. 3,005,706
DAVID, CHENGLU 3,006,264
DAVIDIAN, THOMAS 3,005,613
DAVIS, MARK 3,005,903
DAVIS, MICHAEL F. 3,005,788
DAVIS, RANDALL W. 3,006,233
DAYAWANSA, SAMANTHA 3,005,901
DE BEER, SAREL JOHANNES 3,005,587
DE HARO GARCIA, TERESA 3,005,809
DE KEYSER, RUBEN 3,006,237
DE LEON, PABLO 3,006,189
DE PAEPE, LODE 3,006,228
DE VLEESCHOUWER, STEVEN 3,005,992
DECOTIGNIE, JEAN-DOMINIQUE 3,005,668
DEDIG, JAMES A. 3,005,974
DEFAYS, SABINE 3,006,189
DEKHTYAR, ALEXANDER 3,006,199
DELANEY, COLLEEN 3,005,767
DELCAMP, ADRIEN 3,005,329
DELCAMP, ADRIEN 3,005,575

DELMONTE, ALBERT J. 3,004,856
DELONG, MITCHELL A. 3,005,707
DELORENZIS, DAMON 3,005,667
DEMARCH, ERICA 3,005,847
DEMEULE, MICHEL 3,006,313
DEMPSEY, JAMES F. 3,005,964
DENEAULT, PIERRE-YVES 3,006,174
DENG, GANG 3,006,267
DEONARAIN, MAHENDRA PERSAUD 2,999,384
DEROO, DANNY 3,006,228
DESCAMPS, CEDRIC 3,005,329
DESCAMPS, CEDRIC 3,005,575
DESJARDINS, MATHIEU 3,005,786
DESPOIS, AUDE 3,006,318
DEVLIN, ROBERT C. 3,006,173
DEVYS, LUCIE 3,005,765
DEWITTE, THOMAS ROBERT 3,005,758
DHIMAN, KIRTI 3,006,233
DI GIACOMO, SANDRO J. 3,006,284
DI PIETRO, GIOVANNI 3,005,709
DICKER, IRA B. 3,004,856
DIEING, REINHOLD 3,006,151
DIGIANDOMENICO, ANTONIO 3,005,665
DILLARD, LAWRENCE WAYNE 3,005,658
DIMATTEO, LAWRENCE ANTHONY, III 3,005,873
DINI, EMILIANO 3,005,594
DISCHL, GUDRUN 3,005,926
DOBRENIZKI, LADISLAUS 3,005,925
DOCKENDORFF, JAMES B. 3,005,882
DOHERTY, JENNIFER L. 3,005,607
DOLE, DOUGLAS R. 3,006,314
DOLEZAL, KAREL 2,991,519
DOMLOGE, NOUHA 3,005,605
DONDERICI, BURKAY 3,005,858
DONG, CHENGGUO 3,005,945
DONG, KELLY 3,005,603
DONG, LIQUN 3,005,749
DORBEC, MATTHIEU 3,005,699
DOS SANTOS, CESARIO PEREIRA 3,006,258
DOW AGROSCIENCES LLC 3,005,738
DOW AGROSCIENCES LLC 3,005,743
DOW AGROSCIENCES LLC 3,005,744
DOW AGROSCIENCES LLC 3,005,862
DOW GLOBAL TECHNOLOGIES LLC 3,005,613
DOW GLOBAL TECHNOLOGIES LLC 3,005,721
DOYLE, JEREMIAH 3,006,317
DRAGOLI, DEAN R. 3,005,656
DRAGOLI, DEAN R. 3,005,737
DRENTH, CHRISTOPHER L. 3,006,076
DRONE GO HOME, LLC 3,006,037
DSCG SOLUTIONS, INC. 3,005,603
DSM SINOCHEM PHARMACEUTICALS NETHERLANDS B.V. 3,005,664
DUAN, HAIFENG 3,005,671
DUBIN, KRISTA 3,005,966
DUBUS, SEBASTIEN 3,006,221
DUFFUS, DAVID JOHN 3,005,640
DUKE UNIVERSITY 3,005,831
DUKE UNIVERSITY 3,005,883
DUKE UNIVERSITY 3,005,890
DUKE UNIVERSITY 3,005,892
DURY, PHILIPPE 3,005,532
DURY, PHILIPPE 3,005,570
DYER, ROBERT J. 3,005,459
DYNAENERGETICS GMBH & CO. KG. 3,006,230
E-VISION SMART OPTICS, INC. 3,006,274
E2INTERACTIVE, INC. D/B/A E2INTERACTIVE, INC. 3,005,732
EATON INTELLIGENT POWER LIMITED 3,005,624
EB TECHNOLOGIES, LLC 3,006,083
ECOLAB USA INC. 3,005,976
ECOLE DE TECHNOLOGIE SUPERIEURE 3,006,115
ECOTONICS, LLC 3,005,879
EDER, BRANDON 3,005,555
EDWARDS LIFESCIENCES CORPORATION 3,005,752
EDWARDS, STEVEN WILLIAM 3,005,695
EFFECTOR THERAPEUTICS, INC. 3,006,041
EIBL, ANDREW 3,005,790
EIBL, JOSEPH 3,005,790
EL-HAYEK, RAMI 3,006,303
ELC MANAGEMENT LLC 3,005,605
ELC MANAGEMENT LLC 3,005,619
ELC MANAGEMENT LLC 3,005,622
ELC MANAGEMENT LLC 3,005,627
ELC MANAGEMENT LLC 3,005,726
ELCON RECYCLING CENTER (2003) LTD. 3,006,011
ELDRED, BENJAMIN 3,004,765
ELECTRIC POWER RESEARCH INSTITUTE, INC. 3,006,088
ELGAT, ZVI 3,006,011
ELGIMIABI, SOHAIB 3,005,850
ELGIMIABI, SOHAIB 3,005,851
ELGIMIABI, SOHAIB 3,005,870
ELKA SUSPENSION INC. 3,006,174
ELLINGER, PHILIPP 3,005,795
ELLIOTT, FRANKLIN 3,006,083
ELMALEH, DAVID 3,005,887
ELMALEH, DAVID 3,005,909
ELMAN, NOEL 3,005,969
ELSENTRIECY, HASSAN 3,005,623
ELVIRA, GEORGE 3,005,557
EMBERION OY 3,005,818
EMBY, BERNARD CHRISTOPHER 3,006,016
EMBY, CHRISTOPHER BERNARD 3,006,016
EMCURE PHARMACEUTICALS LIMITED 3,006,251
ENI S.P.A. 3,005,967
ENVIRONMENTALLY SAFE PRODUCTS, INC. 3,005,706
ENVIROSYSTEMS INC. 3,005,634
ERGON ASPHALT & EMULSIONS, INC. 3,005,330
ERIKSSON, ERIK 3,005,935
ERIKSSON, ERIK 3,005,940
ERMIDORO, MICHELE 3,006,149
ERNST, GLEN 3,006,189
ERNST, JUSTIN T. 3,006,041
ESAB AB 3,005,561
ESAB AB 3,005,573
ESALA, JUHA 3,005,693
ESPERA-WERKE GMBH 3,006,153
ETH ZURICH 3,005,933
ETHIEL, GARNIER 3,005,610
ETHICON, INC. 3,005,729
EURO-CELTIQUE S.A. 3,005,775
EUROMC 3,005,577
EVANS, MICHAEL 3,005,908
EVANS, MICHAEL 3,006,010
EVONIK DEGUSSA GMBH 3,006,136
EXCISION BIOTHERAPEUTICS, INC. 3,006,305
EXPANDER ENERGY INC. 2,989,862
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,005,978
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,005,990
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,005,995
F. HOFFMANN-LA ROCHE 3,006,233
FACEBOOK, INC. 3,006,270
FAGAN, TIM 3,005,943
FAGAN, TIM 3,005,944
FAGAN, TIM 3,005,946
FAHIMI, AZIN 3,005,768
FAKOORIAN, SEYED ALI AKBAR 3,005,846
FALKNER, FALKO-GUNTER 3,005,565
FALLIN, T. WADE 3,005,616
FAN, JUNFA 3,005,656
FAN, JUNFA 3,005,737
FAN, YI 3,005,658
FAN, YI 3,005,945
FANDRICH, JORG 3,005,697
FANG, MARK 3,005,968
FARCHY, DAVID 3,005,934
FARIS, ADAM 3,005,693
FARQUHAR, JAMES J. 3,005,208
FARRER, STEPHEN W. 3,005,955
FARRINGTON, ANDREW M. 3,006,192
FARROW, GLENN E. 3,006,033
FAUX, KEVIN 2,988,019
FB HEALTH S.P.A. 3,005,754
FEDIJ, VICTOR 3,005,707
FEICHTINGER, KONRAD 3,002,525
FELSINGER, NATASHA 3,005,880
FEMTOS GMBH 3,005,681
FENTON, JONATHAN PAUL 3,006,014
FERLIN, PATRICK 3,006,264
FERNANDEZ MARTINEZ, LUCIA 3,005,652
FERREIRA, DANIAL PAUL 3,005,729
FETU LIMITED 3,006,014
FIBERIGHT LIMITED 3,006,253
FIEDLER, BERND 3,005,692

FIELD, JESSICA 3,005,997
FIELD, RAY 3,006,268
FIFE, KEITH G. 3,006,064
FIGUEIREDO, MARGARIDA 3,005,806
FILIPE, ANA PAULA 3,005,806
FILIPPONI, PAOLO 3,006,254
FINK, PETER 3,005,682
FINLEY, CONSTANCE 3,006,182
FINNEY, HELENE MARGARET 3,006,086
FINNIS, CHRISTOPHER JOHN ARTHUR 3,005,953
FIRST RAY, LLC 3,005,616
FISHMAN, PNINA 3,005,961
FLETCHER, THOMAS REID 3,005,861
FLEXIBLE STEEL LACING COMPANY 3,006,298
FLEXIBLE TECHNOLOGIES, INC. 3,005,973
FLINT HILLS RESOURCES, LP 3,006,293
FLINT HILLS RESOURCES, LP 3,006,308
FLIRI, ANTON FRANZ JOSEPH 3,006,297
FLOAT, JAMISON 3,005,555
FLOREY, GUILLAUME 3,006,318
FLOSS, THOMAS 2,991,086
FONDAZIONE ISTITUTO INSUBRICO DI RICERCA PER LA VITA 3,006,146
FONKEM, EKOKOBE 3,005,901
FONTAINE, VALERIE 3,005,527
FORCE, ERIC 3,006,007
FORMYCON AG 3,005,692
FORREST, BRAD 3,005,881
FOS4X GMBH 3,005,822
FOSCAN, CLAUDIO 3,005,685
FOUGHT, GERALD E. 3,005,964
FOUQUET, ROMAIN 3,006,080
FOURTE INTERNATIONAL, SDN. BHD. 3,005,208
FOVERSKOV, MIA FROSCH MOGENSBAEK 3,006,226
FRAMATOME GMBH 3,005,697
FRANK, JURGEN 3,006,277
FRANKLIN, HELEN 3,006,233
FRANZINO, JOSEPH J. 3,006,268
FRANZINO, JOSEPH J. 3,006,289
FRED HUTCHINSON CANCER RESEARCH CENTER 3,005,767
FRED HUTCHINSON CANCER RESEARCH CENTER 3,005,928
FREDRIKSSON, MAGNUS 3,005,642
FREEMAN, JASON 3,006,034
FREEPORT-MCMORAN INC. 3,006,070
FREEPORT-MCMORAN INC. 3,006,072
FRIEDRICH-SCHILLER-UNIVERSITAT JENA 3,005,643
FRIPP, MICHAEL LINLEY 3,006,181
FRISCH, HAROLD P. 3,006,094
FRITSCHE, JENS 3,005,813
FROSTFREE VENTING INC. 3,006,214
FRYER, MARK 2,988,019
FU, HAOJUN 3,005,609
FU, YANWEN 3,005,454
FUCHS, YANNICK 3,005,661
FUELCELL ENERGY, INC. 3,005,628
FUELCELL ENERGY, INC. 3,005,639
FUELCELL ENERGY, INC. 3,005,647
FUJIE, SHUNPEI 3,006,029
FUJITA, NAOHIRO 3,006,244
FUKUDA, AKI 3,005,814
FUKUDA, HIROSHI 3,005,704
FUKUHARA, YUKIHIDE 3,005,803
FUKUHARA, YUKIHIDE 3,005,807
FUKUHARA, YUKIHIDE 3,005,812
FUKUHARA, YUKIHIDE 3,005,823
FULLER, JOHN 3,004,958
FULLER, KARL 3,005,938
FUNDACIO PRIVADA INSTITUT D'INVESTIGACIO ONCOLOGICA DE VALL HEBRON 3,006,168
G.D S.P.A. 3,006,172
GAAL, PETER 3,005,846
GABBAY, DAFNA 3,004,690
GALAFFU, NICOLA 3,006,159
GALCERAN MESTRES, MONTSE 3,004,687
GALLAGHER, ANTHONY 3,006,144
GALLAGHER, BRIAN J. 3,005,879
GALLAGHER, MICHELLE B. 3,005,742
GALLAGHER, MICHELLE B. 3,005,757
GALVAN MIJANGOS, CESAR ALBERTO 3,006,273
GALYEAN, BILL 3,006,317
GAMEZ-GARCIA, MANUEL 3,005,893
GANDAGLIA, ALESSANDRO 3,006,234
GANDHI, SANKET 3,005,621
GANE, PATRICK A.C. 3,005,649
GANE, PATRICK A.C. 3,005,672
GAO, STEVE 3,005,740
GAO, ZIANG 3,006,037
GARBER, SAMUEL 3,006,287
GARCIA, RICARDO 3,006,291
GARCIA, ROLANDO 3,005,947
GARCIA-GARCIA, JOSE CARLOS 3,005,760
GARDAI, SHYRA 3,005,997
GARDNER, CHRISTOPHER P. 3,005,621
GARG, MOHIT 3,006,043
GARG, MOHIT 3,006,046
GARTY, SHAI 3,004,690
GASPARD, DAN S. 3,005,993
GAUTHIER, GUY 3,006,115
GAUTHIER, LAURENT 3,005,986
GAWANKAR, KIRAN 3,005,657
GCP APPLIED TECHNOLOGIES INC. 3,005,553
GEA FOOD SOLUTIONS BAKEL B.V. 3,005,655
GEA TDS GMBH 3,005,762
GEMS SENSORS INC. 3,005,882
GENENTECH, INC. 3,005,551
GENENTECH, INC. 3,005,674
GENERAL ELECTRIC COMPANY 3,006,290
GENERAL ELECTRIC COMPANY 3,006,296
GENERAL ELECTRIC COMPANY 3,006,307
GENETEC INC. 3,005,479
GENTALEN, ERIK T. 3,006,200
GEORGE, IAN MICHEAL RIORDEN 3,006,243
GEORGIEV, STEPHAN 3,005,557
GEORGIEVA, KRISTINA 3,006,151
GEROA DIAGNOSTICS, S.L. 3,005,784
GERVASIO, DOMINIC 3,005,623
GHARIB, MORTEZA 3,005,768
GHESHMI, SIAVASH 3,006,312
GHINI, MARCO 3,006,172
GHORBANI, HOSSEIN 3,005,922
GHOSH, SHOMIR 3,005,900
GIANELLINI, STEFANO 3,005,834
GIBSON, HANNAH 3,005,752
GIER, STEPHAN 3,005,504
GILEAD APOLLO, LLC 3,005,900
GILLESPIE, BRAD 3,005,903
GIOVAGNONI, EMILIANO 2,993,767
GIOVANINI, MARCELO P. 3,006,080
GIOVANNINI, DONATELLA 3,005,669
GIRARD, EMILY J. 3,005,928
GIRVIN, STEVEN M. 3,004,750
GITES, BORIS 3,006,203
GLANBIA NUTRITIONALS (IRELAND) LTD. 3,004,085
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 3,006,285
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 3,006,288
GLEAVE, MARTIN E. 2,989,353
GLEN, HENRI 3,006,009
GLOBE FIRE SPRINKLER CORPORATION 2,993,241
GOKE, MASAYOSHI 3,006,244
GOLDBERG, ARTHUR 3,006,050
GOLDEN LADY COMPANY S.P.A. 3,005,675
GOOGLE LLC 3,005,631
GOOGLE LLC 3,005,635
GOSO, XOLISA 3,005,810
GOUDALLE, SEBASTIEN 3,006,009
GRAFF, UDI 3,005,965
GRAHAM, JOHN MICHAEL RUSSELL 3,005,801
GRAMICCIONI, GARY A. 3,005,574
GRASER, KONSTANZE 3,005,567
GRASSI, NERINO 3,005,675
GREEN CROSS HOLDINGS CORPORATION 3,005,829
GREENBERG, DAVID 2,997,896
GREENWALD, MICHAEL RAYMOND 3,006,085
GREENWOOD, JEREMY ROBERT 3,005,900
GREENWOOD, JULIAN LATELLE, III 3,005,836
GRIFFIN, STEPHEN 3,005,686

GRIMM, MARCUS OTTO WALTER 2,991,086
GROENENDIJK, PETER E. 3,005,613
GROFT, CORY L. 3,005,706
GROLZ, DANIEL 3,005,694
GROOTHUIS, PATRICK GERHARD 3,005,294
GRUBBS, JOSEPH 3,005,734
GU, ZHENG 3,005,920
GUERFI, ABDELBAST 3,004,687
GUIGLEY, KEVIN 3,005,926
GUNN, NICHOLAS MAX 3,005,798
GUNN, NICHOLAS MAX 3,006,032
GUNNARSSON, JOHAN 3,005,642
GUO, JIANXIN 3,005,729
GUO, YONGLU 3,006,007
GURJAR, MUKUND 3,006,251
GURT SANTANACH, JULIEN 3,005,271
GUTHRIE, BRIAN D. 3,005,993
GUTSELL, GRAHAM SCOTT 3,006,243
H. LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE, INC. 3,006,302
HA, CHAN MINH 3,005,779
HABEYCH NARVAEZ, EDWIN ALBERTO 3,006,159
HADD, MARK A. 3,002,551
HAEHL, KEVIN 3,005,785
HAEMOKINESIS PTY. LTD. 3,006,210
HAGA, NOBUHIRO 3,005,714
HAGEN, TORSTEN 3,005,676
HAGER, MARTIN 3,005,643
HALDOR TOPSOE A/S 3,006,031
HALFMAN, ERIC 3,005,645
HALL, COLTON CHADWICK 3,005,854
HALL, DAVID S. 3,005,902
HALL, TIMOTHY J. 3,005,990
HALLEN, PAUL R. 3,006,053
HALLIBURTON ENERGY SERVICES, INC. 3,005,708
HALLIBURTON ENERGY SERVICES, INC. 3,005,717
HALLIBURTON ENERGY SERVICES, INC. 3,005,854
HALLIBURTON ENERGY SERVICES, INC. 3,005,858
HALLIBURTON ENERGY SERVICES, INC. 3,005,962
HALLIBURTON ENERGY SERVICES, INC. 3,006,181
HALTTUNEN, TUOMAS 3,005,769
HAMIDI, FARZAD 3,005,756
HAMILTON, ANTHONY 3,005,903
HAMILTON, CAROLINE 3,005,662
HAMILTON, CAROLINE 3,005,690
HAMMOCK, BRUCE D. 3,005,874
HAMRICK, DANIEL R. 3,005,955
HAN, MICHELLE MINHUA 3,005,855
HANAN, EMILY J. 3,005,674
HANDI-CRAFT COMPANY 3,006,047
HANEMAAIJER, LEENDERT MARINUS 3,005,664
HANNA, SAMUEL JAMES 3,005,597
HANNA, SAMUEL JAMES 3,005,601
HANNEKEN, DOUGLAS SCOTT 3,006,047
HANNES, RALF 3,005,681
HANSEN, LARS ELMEKILDE 3,005,929
HANSEN, THOMAS STEEN 3,006,271
HAO, YAN 3,005,738
HAO, YAN 3,005,743
HAO, YAN 3,005,744
HAO, YAN 3,005,862
HARA, NOBUO 3,005,803
HARA, NOBUO 3,005,807
HARA, NOBUO 3,005,812
HARA, NOBUO 3,005,823
HARADA, YUKIHIRO 3,006,170
HARBORTH, JENS 3,005,937
HARE, CHARLES, W. 3,006,304
HARKNESS, LAURA 3,004,085
HARRIMAN, GERALDINE C. 3,005,900
HARRISON, BRYCE ALDEN 3,002,801
HARRO HOFLIGER VERPACKUNGSMASCHINEN GMBH 3,006,227
HARTMANN, TOBIAS 2,991,086
HASEGAWA, EIICHI 3,005,874
HASSARD, CECIL 3,005,988
HASTINGS, NICHOLAS JAMES 3,006,243
HATCHER, SANDRA V. 3,005,855
HAUG, STUART 3,006,030
HAUPLER, BERNHARD 3,005,643
HAWES, CHARLES L. 3,005,597
HAWES, CHARLES L. 3,005,601
HAYASHI, YASUHISA 3,005,814
HAYES, PATRICK 3,005,734
HAYTER, GREGORY P. 3,006,040
HAZEN, STANLEY LEON 3,005,760
HE, JIE 3,005,825
HEALY, SELENA 3,006,176
HEBERT, LARRY S. 3,006,038
HEBERT, LISE 3,005,754
HEGGERNES, DAVE 3,005,970
HEIDELBERG PHARMA RESEARCH GMBH 3,005,683
HELLINGA, HOMME W. 3,005,831
HELLINGA, HOMME W. 3,005,883
HELLINGA, HOMME W. 3,005,890
HELLINGA, HOMME W. 3,005,892
HEM, CHRISTOPHER R. 3,005,596
HEM, GREGORY L. 3,005,596
HEMGESBERG, MAXIMILIAN 3,006,277
HEMSLEY, JAMES M., JR. 3,005,330
HENDRICKSON UNITED KINGDOM LTD 3,005,689
HENDRICKSON USA, L.L.C. 3,005,659
HENDRICKSON USA, L.L.C. 3,005,667
HENDRIX, SANDRA 3,006,236
HENKEL IP & HOLDING GMBH 3,005,734
HENKES, HANS 3,005,681
HENN, MATTHEW 3,006,187
HENNING, KARLA A. 3,005,855
HENRY COMPANY, LLC 3,006,084
HEPTARES THERAPEUTICS LIMITED 3,003,669
HERMANN, DOMINIK 3,005,926
HESLER, STEPHEN 3,006,088
HESSLER, NADINE 3,005,979
HEWSON-HUGHES, ADRIAN 3,005,956
HHELI, LLC 3,005,637
HICKSON, NICHOLAS 3,006,070
HIGGINBOTHAM, GEORGIANNA 3,005,764
HIGH, ALEXANDER ARTHUR 3,006,173
HIGH, DONALD R. 3,006,089
HIGUCHI, ROBERT I. 3,005,551
HIGUCHI, ROBERT I. 3,005,674
HIRD, DEREK 3,005,636
HITACHI CONSTRUCTION MACHINERY CO., LTD. 3,004,692
HJARTSTAM, JOHAN 3,006,167
HO, DORIS PO YI 3,005,911
HOBART BROTHERS COMPANY 3,006,002
HOBBS, TOM 3,005,943
HOBBS, TOM 3,005,944
HOCHMUTH, JOHN 3,005,574
HOFSTETTER, GREGORY K. 3,005,880
HOGAN, TODD A. 3,005,721
HOLMEIDE, ANNE KRISTIN 3,006,162
HOLSTEIN, MARTIN 3,005,642
HOLT, AMY BETH 3,005,781
HOLT, AMY BETH 3,005,794
HOPPE, THOMAS 3,005,567
HORLING, FRANZISKA 3,005,565
HORSTMAN SYSTEMS INC. 3,006,174
HORTSCH, RALF 3,005,567
HOSENFELDT, TIM 3,005,925
HOUGH, TED 3,006,317
HOVIONE SCIENTIA LIMITED 3,005,806
HOYLE, MARK 3,005,881
HPPE, LLC 3,005,621
HSU, CHIA-HSIEN 3,005,877
HU, HUIYONG 3,005,551
HU, HUIYONG 3,005,674
HU, XIAOPING 3,005,660
HUANG, HAICHUN 3,005,855
HUANG, JASON 3,005,901
HUANG, RICHARD 3,005,855
HUANG, YANYI 3,005,671
HUANG, YIFANG 3,006,189
HUBBARD, SAWYER AUSTIN 3,005,788
HUBBELL INCORPORATED 3,006,039
HUBBELL INCORPORATED 3,006,051
HUBBELL INCORPORATED 3,006,301
HUBER RUANO, ISABEL 3,006,168
HUDDART, BETHANY SHEILA 3,006,161
HUDSON, CHARLES TAYLOR 3,005,913
HUEHNLEIN, BJOERN 3,005,567
HUGHES, STEPHEN 3,005,662
HUGHES, STEPHEN 3,005,690
HUNZIKER, PHILIPP 3,005,672
HUSTLER EQUIPMENT LIMITED 3,006,282
HUYNH, THO TRUONG 3,005,776
HWANG, CAREY KANG-LUN 3,004,856
HYDE, SAM 3,005,936
HYDRO-QUEBEC 3,004,687
HYDRO-QUEBEC 3,006,087
IH IP HOLDINGS LIMITED 3,006,085

IHC HOLLAND IE B.V. 3,005,617
IIJIMA, KAZUKI 3,005,800
ILJIC, NIK 3,006,039
ILJIC, NIK 3,006,051
ILLINOIS TOOL WORKS INC. 3,006,299
IMBERT, ISABELLE 3,005,605
IMM, SEBASTIAN 3,006,136
IMMATICS BIOTECHNOLOGIES GMBH 3,005,813
IMPERIAL INNOVATIONS LTD 3,005,801
INADA, MASAHIKO 2,965,570
INADOME, MASATO 3,006,244
INBICON A/S 3,006,226
INCEPT, LLC 3,006,303
INCYTE CORPORATION 3,005,727
INFAGEN (HONG KONG) LIMITED 3,006,211
INGENICO GROUP 2,988,357
INGERSOLL, DANIEL 3,006,317
INNATE PHARMA 3,005,986
INNOVA PATENT GMBH 3,005,668
INOUE, ATSUSHI 3,005,714
INOUE, TAKUYA 3,005,715
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 3,005,527
INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS 3,006,168
INSTITUT NATIONAL D'OPTIQUE 3,006,221
INTABIO, INC. 3,006,200
INTERACTIVE INTELLIGENCE GROUP, INC. 3,005,710
INTERVET INTERNATIONAL B.V. 3,005,696
INVENTIO AG 3,005,984
INVENTIO AG 3,005,998
INVENTIO AG 3,006,005
INVENTIO AG 3,006,023
IONIS PHARMACEUTICALS, INC. 3,006,015
IRVINE SCIENTIFIC SALES COMPANY, INC. 3,005,861
ISCAR LTD. 3,005,711
ISCAR LTD. 3,005,712
ISP INVESTMENTS LLC 3,005,605
ISP INVESTMENTS LLC 3,005,893
ISSARA, SOPHIA 3,005,865
IVANOV, DMITRI 3,005,791
IVANOVA, SVILENA 3,005,669
IVARSSON, MATTIAS 3,005,933
JAASUND, STEVEN A. 3,005,905
JADHAV, AJIT 3,006,300
JAEGER, BERND 3,006,136
JAEGER, JAN 3,005,949
JAFRI, HASAN 3,005,665
JAGESAR, DHIREDJ CHANDRE 3,005,664
JAHNKE, FRED C. 3,005,628
JAHNKE, FRED C. 3,005,639
JAHNKE, FRED C. 3,005,647
JAMELE, DANIEL ROBERT 3,003,744
JANG, SAM 3,005,970
JANOSCHKA, TOBIAS 3,005,643
JANSSEN PHARMACEUTICA NV 3,006,237
JARRETT, PETER 3,006,303
JARRETT, TIMOTHY S. 3,006,303
JAUBERTEAU, MARIE-ODILE 3,005,815
JAUBERTEAU, MARIE-ODILE 3,005,820
JEANNIN, PHILIPPE 3,006,073
JEHN-RENDU, CHRISTIAN 3,006,151
JENACELL GMBH 3,005,979
JENKINS, PETER JAMES 3,005,774
JESKE, CLIFFORD OTTO 3,005,849
JFE STEEL CORPORATION 3,005,579
JIA, LANQI 3,005,658
JIA, LANQI 3,005,945
JIANG, DAYUE 3,005,718
JIANG, LIANG 3,004,750
JIN, BETTY 3,005,774
JIN, CHUANFEI 3,005,918
JINAN SHENGQUAN GROUP SHARE HOLDING CO., LTD 3,005,917
JINDAL FILMS AMERICAS LLC 3,005,872
JING, KEVIN 3,005,740
JIZODO, MAKOTO 3,005,704
JOEHNCK, MATTHIAS 3,005,483
JOENSEN, FINN 3,006,031
JOHNSON, ANDREW DAVID 3,005,798
JOHNSON, CHRISTIAN 3,005,944
JOHNSON, MARK THOMAS 3,004,767
JOHNSON, PAIGE L. 3,005,637
JOHNSON, SABINE 3,006,285
JOHNSON, SABINE 3,006,288
JOHNSON, STEVEN J. 3,006,301
JONES, MATTHEW A. 3,006,056
JONES, MATTHEW A. 3,006,060
JONES, NICHOLAUS A. 3,006,056
JONES, NICHOLAUS A. 3,006,060
JONES, PAUL ARTHUR 3,005,774
JORDAN, WALTER S., III 3,005,330
JOSHI, SAMIT RAMESH 3,004,856
JUANG, DUANE S. 3,005,877
JULEMONT, PIERRE 3,005,777
JUN, JI EUN 3,006,242
JUN, YOUNG-KWON 3,005,728
JUNG, JI EUN 3,006,247
JUNG, JI EUN 3,006,249
JUNG, MICHAEL E. 3,006,267
JUNIOR, DANTE ALARIO 3,001,043
JURANITCH, JAMES C. 3,005,897
JURANITCH, JAMES C. 3,005,960
JVD, INC. 3,006,322
K.D. PHARMA BEXBACH GMBH 2,991,086
KABUKU INC. 2,965,570
KAHLER, ANDREW WOLF 3,005,903
KAHOOK, MALIK Y. 3,006,042
KALISIAK, JAROSLAW 3,005,656
KALISIAK, JAROSLAW 3,005,737
KALLIOINEN, SAMI SEPPO ANTERO 3,005,818
KAMEI, SHIN 3,005,704
KAMEYAMA, KAZUHISA 3,005,814
KANE, TIMOTHY J. 3,006,268
KANELLOPOULOS, VASILEIOS 3,005,940
KANG, LI 3,005,671
KANG, PANPAN 3,005,920
KANNER, ABE 3,005,569
KANNER, LAURREN 3,005,733
KAPADNIS, PRASHANT BHIMRAO 2,999,384
KAPS, RYAN 3,005,716
KARATZIS S.A. INDUSTRIAL & HOTELIER ENTERPRISES 3,005,648
KARATZIS, ANTONIOS 3,005,648
KARIMPOUR, RAMIN 3,005,331
KARIMPOUR, RAMIN 3,005,337
KARL, ZACHARY J. 3,005,999
KARSTEN MANUFACTURING CORPORATION 3,005,852
KASHANI, POORIA SHARIF 3,005,798
KASHANI, POORIA SHARIF 3,006,032
KATHOLIEKE UNIVERSITEIT LEUVEN 3,005,992
KATO, TOMONORI 3,006,248
KAUFMANN, GUNNAR F. 3,005,454
KAUL, VIKRAM S. 3,005,607
KAVCHOK, KEVIN ANDREW 3,005,597
KAVCHOK, KEVIN ANDREW 3,005,601
KAWAKAMI, TAKAYOSHI 3,003,744
KAWRYKOW, IWAN 3,005,964
KELLIHER, JAMES T. 3,006,284
KENEFAKE, DARYL A. 3,005,978
KENNY, JON-EMILE 3,005,790
KENT, DANIEL B. 3,006,084
KERR, COLIN 3,006,281
KERSTENS, PIETER J. 3,005,902
KHALILI, KAMEL 3,006,305
KHAN, ALI 3,005,782
KHARAS, KARL C. 3,006,197
KHORASANINEJAD, MOHAMMADREZA 3,006,173
KHOSMOOD, FOAAD 3,006,199
KHUMSA-ANG, KITTIMA 3,005,688
KIELY, BARRY 3,006,176
KIM, HYO JIN 3,005,829
KIM, HYOUNGRAE 3,006,242
KIM, HYOUNGRAE 3,006,247
KIM, HYOUNGRAE 3,006,249
KIM, JINYEONG 3,006,242
KIM, JINYEONG 3,006,247
KIM, JINYEONG 3,006,249
KIM, JOSEPH L. 3,005,741
KIM, JU HO 3,005,585
KIM, JUN SIC 3,005,829
KIM, JUN YOUNG 3,005,585
KIM, SUNG MIN 3,006,242
KIM, SUNG MIN 3,006,247
KIM, SUNG MIN 3,006,249
KIM, YONG ZU 3,006,242
KIM, YONG ZU 3,006,247

KIM, YONG ZU 3,006,249
KIMBERLY-CLARK WORLDWIDE, INC. 3,005,607
KIMURA, GAKU 3,006,244
KIMURA, TOMO 3,006,244
KJAER, THOMAS 3,006,271
KLAFFENBOCK, JOHANN 3,005,638
KLAFFENBOCK, LUKAS 3,005,638
KLEEMANN GMBH 3,005,938
KLEINBECK-RINIKER, FLORIAN KARL 3,006,254
KLINZING, GERARD R. 3,006,192
KNOWLES, DAVE 3,005,936
KNUEPPEL, DANIEL 3,005,738
KOASHI, YUI 3,005,713
KOBAYASHI, MASAYUKI 3,006,248
KOCH AGRONOMIC SERVICES, LLC 3,005,610
KOEHLER, MICHAEL F. T. 3,005,551
KOEHLER, MICHAEL F. T. 3,005,674
KOERBER, ACHIM GERHARD ROLF 3,004,767
KOHAN, EHSAN DANESHI 3,005,756
KOHLE, HANS-JURGEN 3,006,136
KOHLER, TOBIAS 3,005,938
KOHN, KENNETH I. 3,006,305
KOMURA, FUSAE 3,005,814
KONINKLIJKE PHILIPS N.V. 3,004,767
KOP, BEN 3,005,655
KOPRNA, RADOSLAV 2,991,519
KORCZ, KRZYSZTOF W. 3,006,301
KORMAN, ALAN J. 3,005,855
KOSAN, RALF 3,005,682
KOSANIC, DRAGO 3,005,634
KOSINSKI, DAVID 2,991,735
KRAFT, DAVE 3,006,005
KRASINSKI, ANTONI 3,005,656
KRAUSE, CLAUDE 3,004,765
KREIDER, SCOTT CHRISTOPHER 3,005,759
KRESNYAK, STEVE 2,989,862
KRIER, BRICE 3,005,328
KROON, BART 3,004,767
KRYDA, KEN JAMES 3,005,736
KRYDA, KEN JAMES 3,005,747
KUBOI, TOSHIHIRO 3,006,199
KUCHROO, VIJAY K. 3,005,878
KUDUVALLI, GOPINATH 3,005,964
KUENKELE, KLAUS-PETER 3,006,235
KUHNERT, TIMO 3,006,227
KUMAGAI, KAZUYA 3,005,951
KUMAGAI, KAZUYA 3,005,958
KUMIAI CHEMICAL INDUSTRY CO., LTD. 3,005,817
KUMIAI CHEMICAL INDUSTRY CO., LTD. 3,006,256
KUMIAI CHEMICAL INDUSTRY CO., LTD. 3,006,260
KUNZ, MARTIN 3,005,926
KURION, INC. 3,006,319
KUROSAKI, NAOBUMI 3,005,958
KUSCHER, ALEXANDER FRIEDRICH 3,005,631
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 3,006,009
LACHANCE, ANTHONY 3,006,076
LACROIX, AURELIE 3,005,815
LACROIX, AURELIE 3,005,820
LAI, ZHOUWEN 3,005,160
LAIL, JASON CLAY 3,005,836
LAKDAWALA, KHUSHROO H. 3,006,276
LALLOUE, FABRICE 3,005,815
LALLOUE, FABRICE 3,005,820
LAMBRECH, MATTHEW 3,005,628
LAMBRECH, MATTHEW 3,005,639
LAMBRECH, MATTHEW 3,005,647
LAMM, MATTHEW 3,006,192
LAMOUREUX, MARTIN 3,006,174
LAN, TIAN 3,005,597
LAN, TIAN 3,005,601
LANCEY ENERGY STORAGE S.A.S. 3,006,169
LANDIS+GYR TECHNOLOGIES, LLC 3,006,030
LANDIS, CHARLES R. 3,005,621
LANDMARK GRAPHICS CORPORATION 3,005,819
LANDMARK GRAPHICS CORPORATION 3,005,825
LANDMARK GRAPHICS CORPORATION 3,005,827
LANGFELD, KIRSTEN 3,005,718
LANUZA, EVAN 3,006,199
LAPS, STIJN 3,006,237
LARNICOL, PIERRE 3,005,283
LAROCQUE, ALAIN 3,006,313
LATAILLADE, MAX 3,004,856
LAUKO, ROBERT 3,005,703
LAUZON, MICHEL 3,006,076
LAVALLEE, LOUIS-XAVIER 3,005,943
LAVALLEE, LOUIS-XAVIER 3,005,944
LAVANCHY, FREDERIC 3,006,006
LAVANCHY, FREDERIC 3,006,239
LAW, CHI-LEUNG 3,005,997
LE BOUCH, NOLWENN 3,006,221
LE COUTRE, JOHANNES 3,006,177
LE, DUY MICHAEL 3,006,226
LEAKAS, PAUL A. 3,005,866
LEBENDER, FRANK 3,005,938
LECHARTIER, CAROLE 3,006,264
LEE, BYUNG SOO 3,006,242
LEE, BYUNG SOO 3,006,247
LEE, BYUNG SOO 3,006,249
LEE, DAVIS 3,006,049
LEE, HAN BIT 3,005,600
LEE, JU HO 3,005,829
LEE, KIN SING STEPHEN 3,005,874
LEE, SU IN 3,006,242
LEE, SU IN 3,006,247
LEE, SU IN 3,006,249
LEE, WILSON A. 3,005,619
LEE, WILSON A. 3,005,622
LEE, WILSON A. 3,005,627
LEE, WILSON A. 3,005,726
LEE, YOUNG JO 3,005,680
LEGOCHEM BIOSCIENCES, INC. 3,006,242
LEGOCHEM BIOSCIENCES, INC. 3,006,247
LEGOCHEM BIOSCIENCES, INC. 3,006,249
LEGRAND, COLINE 3,006,177
LEHMANN, JUERG 3,002,525
LEI, MING 3,005,855
LEI, YUGUO 3,006,055
LEIT DE MORADEI, SILVANA MARCEL 3,005,900
LELETI, MANMOHAN REDDY 3,005,656
LELETI, MANMOHAN REDDY 3,005,737
LENGLER, JOHANNES 3,005,565
LENNON, GRAINNE CLARE 3,005,794
LEONARD, FRANCOIS 3,006,087
LEONARDI, GIULIANO 3,005,982
LEPPLA, PHOEBE 3,006,287
LEROUX, JEAN-CHRISTOPHE 3,005,933
LEUTHARDT, ERIC C. 3,005,554
LEVITEN, MICHAEL 3,006,092
LEVY, YEHUDA DANIEL 3,006,290
LEYVA, TIMOTHY 3,005,981
LEZAAR, JAWIDA 3,005,669
LI, HUIMING 3,005,855
LI, JINGWEI 3,005,727
LI, YONGHAI 3,006,007
LIEBER INSTITUTE FOR BRAIN DEVELOPMENT 3,006,189
LIENG, THU 3,006,065
LIM, SHEN KHOON 3,006,269
LIMA, ROMANO 3,005,967
LIMEM, SKANDER 3,005,604
LIN, CHIEN HUANG 3,005,614
LIN, CHING-HUI 3,005,877
LIN, XIAOHONG 3,005,921
LIN, YIJIAN 3,005,721
LINDAHL, SOFIE 3,005,922
LINDBO, LARS SVERKER TURE 2,988,019
LINDVALL, JONAS 3,005,642
LING, RONG 3,005,779
LING, YU-FANG 2,995,155
LING, YU-FANG 2,995,158
LINK, ALFRED 3,006,026
LINK, WILLIAM J. 3,005,891
LIOU, JING-PING 3,005,614
LIPTAK, KRISTIAN 3,005,703
LITCOFSKY, KEVIN 3,006,187
LIU, HAO 3,006,302
LIU, MEI 3,005,976
LIU, SHA 3,006,167
LIU, ZHENGCHUN 3,005,825
LOFTIN, CALEB S. 3,006,040
LOGAN, ERIC RAYMOND 3,005,838
LOHKEN, JORN OLAF 3,006,230
LOITNER, INBAL 3,004,690
LONBERG, NILS 3,005,855
LONG, DAVID 3,005,719
LONGCHAMBON, KARINE 3,005,288
LONNES, STEVE 3,005,990

LOPEZ, ANTHONY ISMAEL 3,005,888
LORENZ, KLAUS 3,005,676
LOTUS BLOOMS COLLECTIVE, INC. 3,006,074
LOUVER-LITE LIMITED 3,006,246
LOWE, MARTIN ALEXANDER 3,005,809
LOWENTHAL, JOHN WILLIAM 3,005,980
LOWENTHAL, JOHN WILLIAM 3,005,989
LU, HUNG JUNG 3,006,072
LU, LIN 3,006,309
LUA, JAMES 3,005,555
LUCAS, FREDERIC 3,006,252
LUCKE, STEFAN 3,005,504
LUEBBE, STEFAN 3,005,851
LUEY, JA-KAEL 3,006,319
LUKACS, SANDOR 3,006,003
LUNDBERG LLC 3,005,905
LUNDBERG, KENNETH 3,006,068
LUNGU, MIHAI 3,005,569
LUSTENBERGER, IVO 3,005,998
LUTAS, DAN-HOREA 3,006,003
LUTZ, CHRISTIAN 3,005,683
LUTZELSCHWAB, MARKUS 3,006,140
LY, CUONG Q. 3,005,551
LY, CUONG Q. 3,005,674
LYON, ZACHARY WOOD 3,005,625
LYTOVCHENKO, MYKHAILO MYKHAILOVYCH 3,006,286
LYTOVCHENKO, MYKHAILO YURIYOVYCH 3,006,286
LYVGEN BIOPHARMA HOLDINGS LIMITED 3,005,749
LZLABS GMBH 3,005,949
M. STOLZE HOLDING B.V. 3,005,952
MA, JUNQIANG 3,005,917
MA, YOU-AN 3,002,551
MAASOUMY, MEHDI 3,005,942
MAHRY, JOSHUA N. 3,006,233
MACCOSS, MALCOLM 3,005,809
MACDONALD, JOHN GAVIN 3,005,607
MADALA, MADHAVA REDDY 3,005,779
MADDURI, ASHOKA V.R. 3,005,621
MADRIZ OTTOLINA, RODRIGO DARIO 3,005,678
MAGALDI POWER S.P.A. 2,992,411
MAGALDI, MARIO 2,992,411
MAGDENKO-SAVOUREY, LUDOV 3,005,761
MAGIC LEAP, INC. 3,005,894
MAGNIN, PAUL 3,005,790
MAHAR, STEPHEN NELSON 3,005,869
MAHR, ANDREA 3,005,813
MAI, MANUEL 3,005,822
MAIR, JULIAN 3,005,638
MAITI, SAMARENDRA NATH 3,005,779
MAITRA, RANGAN 3,006,205
MALATHONG, VIENGKHAM 3,005,737
MALAVER-ORTEGA, LUIS FERNANDO 3,005,980
MALAVER-ORTEGA, LUIS FERNANDO 3,005,989
MALCOLM, THOMAS 3,006,305
MALEK, ANDRZEJ M. 3,005,613
MALEK, BRUCE 3,005,943
MALETRAS, LUCILE 3,006,236
MALGAT, ALEXANDRE 3,006,006
MALGAT, ALEXANDRE 3,006,238
MALI, VENKAT 3,005,656
MALI, VENKAT 3,005,737
MALKIN, HUGH 3,006,243
MALLARDI, JOE 3,006,079
MALONEY, DAVID J. 3,006,300
MALONEY, PETER V. 3,006,080
MANOLIOS, JIM 3,006,210
MANTELIN, JOEL 3,005,605
MAO, JIANMIN 3,006,077
MARCHAL, N. DARIUS 3,005,564
MARCHETTI, MARCO 3,005,754
MARCUSSEN, TORBEN 3,005,762
MARDIGUIAN, MICHEL 3,005,577
MARIANI, PAOLO 3,005,967
MARINI, FRANCESCA 2,993,767
MARKHAM, ANTHONY CHARLES WILLIAM 3,006,082
MARKOV, DMITRY A. 3,006,063
MARKOVIC, SVETOMIR N. 3,006,094
MARKOVICH, RONALD P. 3,005,721
MARQUEZ-GARBAN, DIANA C. 3,006,267
MARS, INCORPORATED 3,005,936
MARS, INCORPORATED 3,005,956
MARSHALL, BARRY 3,006,211
MARSIC, MARTIN 3,006,071
MARTIN PEREZ, ALBERTO 3,005,635
MARTIN, BENJAMIN 3,006,254
MARTINEZ, ASUNCION 3,006,187
MARTINEZ, MARCELO A. 3,006,322
MARUNO, SHINICHI 3,005,814
MASOOD, RIZWAN 3,004,478
MASSACHUSETTS EYE AND EAR INFIRMARY 3,005,874
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,005,878
MASSEY UNIVERSITY 3,005,620
MASTERCARD INTERNATIONAL INCORPORATED 3,005,959
MATHEW, SUNIL I. 3,005,913
MATHIVANAN, GUHAN 3,005,935
MATHIVANAN, GUHAN 3,005,940
MATHONNET, MURIEL 3,005,815
MATSUNAGA, HIROFUMI 3,005,811
MATSUO, TOSHIHIKO 3,005,720
MATTES, MICHAEL F. 3,005,950
MATTES, MICHAEL F. 3,005,954
MAX, NICHOLAS B. 3,006,062
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 3,006,094
MAYS, JAMES 2,991,735
MAZUR, BEN 3,005,654
MAZUR, BEN 3,005,687
MC-MONITORING S.A. 3,006,140
MCALLISTER, KEVIN 3,005,875
MCALPINE, WARREN WELHORN 3,005,836
MCANDREW, PAUL FRANCIS 3,005,778
MCBRIDE, HEIDI 3,005,943
MCCARTHY, MICHAEL 3,005,665
MCCLUSKEY, SEANIN MARIE 3,005,781
MCCLUSKEY, SEANIN MARIE 3,005,794
MCCORMICK, WILLIAM, III 3,006,287
MCCOY, TONY 3,005,936
MCDERMOTT, MICHAEL 3,005,974
MCE 5 DEVELOPMENT 3,005,532
MCE 5 DEVELOPMENT 3,005,570
MCGEE, MATTHEW 3,005,974
MCGHEE, MICHAEL 3,005,564
MCGRATH, MICHAEL J. 3,006,303
MCHALE, ANTHONY 3,006,018
MCINNES, ROSS GORDON 3,006,265
MCKENNA, KELLY MARIE 3,005,911
MCKENZIE, GREGORY 3,006,187
MCKENZIE, MARY-JANE LOMBARDO 3,006,187
MCLAUGHLAN, JENNIFER MARY 3,005,953
MCMAHON, JEFFREY 3,005,656
MCMAHON, JEFFREY 3,005,737
MCNELIS, LIAM 3,006,230
MCNULTY, MARIE 3,005,932
MCRINER, ANDREW J. 3,002,801
MEBRATU, AMARE AMBAYE 3,005,962
MEDIAMATION, INC. 3,003,744
MEDIMMMUNE LIMITED 3,005,665
MEERT, JORIS 3,005,939
MEHDI, HASAN 3,005,562
MEIMA, GARMT R. 3,005,613
MEINHOLD, PETER 3,005,562
MELIN, JEFFREY M. 3,006,294
MEMOLI, FRANCESCO 3,006,147
MEMORIAL SLOAN KETTERING CANCER CENTER 3,005,896
MEMORIAL SLOAN-KETTERING CANCER CENTER 3,005,966
MENDEZ, JOSE RAUL 3,005,903
MENTZEL, UFFE VIE 3,006,031
MERCK PATENT GMBH 3,005,483
MERCK PATENT GMBH 3,005,764
MERCK PATENT GMBH 3,005,766
MERCK SHARP & DOHME CORP. 3,006,192
MERIAL, INC. 3,006,073
MERIAL, INC. 3,006,078
MERLIN, SIMONE 3,006,019
MERLINI, MASSIMO 3,005,967
MERTZ, JOSHUA 3,006,319
METABOLIC TECHNOLOGIES, INC. 3,004,958
METAFORA BIOSYSTEMS 3,005,669
MEYER, RAPHAEL 3,006,169
MEYER, STEPHEN J. 2,993,241
MICALLEF, LUDOVIC 3,005,820
MICHAEL, MARIOS H. 3,004,750
MICHALSKI, STEVEN 3,006,310
MICHEL, MARTIN 3,006,159
MICHELS, THEODORE 3,006,041

MICHLIG GONZALEZ, STEPHANIE 3,006,177
MICROBIAN PRODUCTS COMPANY 3,005,597
MICROBIAN PRODUCTS COMPANY 3,005,601
MIDDTURU, CHANDRASEKHAR V. 3,005,741
MIEHE, YVES 3,005,532
MIEHE, YVES 3,005,570
MIKKELSEN, CHRISTIAN MUNK 3,006,216
MILBRANDT, JEFFREY 3,005,895
MILLAR, TONY 3,005,787
MILLER, ALLEN MICHAEL 3,005,838
MILLER, CHARLES HERBERT, JR. 3,006,047
MILLIRON, CHARLES E., III 3,005,621
MILLS, THOMAS MATTHEW 3,006,208
MILNE, JAMES 3,006,070
MILOSEVIC, VESELIN 3,005,634
MIN, JI YOUNG 3,006,242
MIN, JI YOUNG 3,006,247
MIN, JI YOUNG 3,006,249
MINEV, BORIS 3,003,133
MINOSIGHT PHARMACEUTICALS, INC. 3,005,723
MINOMI, KENJIROU 3,005,937
MINTEK 3,005,810
MIRABILE, MAURIZIO 3,005,705
MIRSEPASSI, ALIREZA 3,004,685
MIRSEPASSI, ALIREZA 3,006,258
MITRA, ROBI DAVID 3,005,895
MITSUBISHI CHEMICAL CORPORATION 3,006,170
MITSUBISHI GAS CHEMICAL COMPANY, INC. 3,006,248
MITSUBISHI MATERIALS CORPORATION 3,005,720
MNICH, ANDRZEJ 3,005,561
MNICH, ANDRZEJ 3,005,573
MODHA, SHANTILAL H. 3,005,865
MOELLER, KLAUS 3,006,151
MOGANTY, SURYA 3,005,799
MOHAMMADI, KHOSROW PARVIZ 3,005,759
MOHAMMADI, KHOSROW PARVIZ 3,005,763
MOHANAN, JAYA L. 3,005,574
MOLIN, HANS M. 3,006,035
MOLOGIC LTD 3,006,157
MONNET, EMMANUEL 2,994,772
MONSANTO TECHNOLOGY LLC 3,006,080
MONSTADT, HERMANN 3,005,681
MONTALBAN, ANTONIO GARRIDO 3,002,551
MONTEL, FLORIAN 3,006,189
MONTOJO, JUAN 3,005,846
MOOTS, ROBERT JOHN 3,005,695
MORAN, DANIEL W. 3,005,554
MORAVEK, SCOTT J. 3,005,834
MORETON, RICHARD CHRISTIAN 3,006,054
MORGAN, JAMES R. 3,005,607
MORGAN, TREVOR 3,005,809
MORI, CRISTIAN 3,006,147
MORINO, KAZUHIDE 3,006,244
MORK NIELSEN, MIKKEL 3,005,762
MORSEY, MOHAMAD 3,005,696
MORTENSON, MICHAEL ALAN 3,005,993
MORTON, ROBERT 3,005,796
MULDER, IMKE ELISABETH 3,005,781
MULDER, IMKE ELISABETH 3,005,794
MULLER, CHRISTOPH 3,005,683
MULLER, JORG 3,006,230
MULLER, MATHIAS 3,005,822
MULROONEY, CONOR 3,006,012
MUNSHI, AMMAR A. 3,005,645
MURN, THOMAS 3,005,867
MURPHY, EILEEN FRANCES 3,006,176
MURPHY, ERIN 3,005,946
MURRAY, ROBERT J. 3,006,004
MUSAYEV, YASHAR 3,005,925
MUSSARI, FREDERICK P. 3,006,295
MYERS, GARY 3,005,555
MYETTE, JAMES R. 3,006,058
NAEJA-RGM PHARMACEUTICALS ULC 3,005,779
NAGARAJ, DEVARAYASAMUDRAM R. 3,006,034
NAGATA, TATSUYA 3,005,803
NAGATA, TATSUYA 3,005,807
NAGATA, TATSUYA 3,005,812
NAGATA, TATSUYA 3,005,823
NAGATANI, MUNEHIKO 3,006,263
NAGL, IRIS 3,005,926
NAKA, TAKUYA 3,004,692
NAKAGIRI, TAKAHISA 2,976,552
NANCARROW, LINSEY 3,005,943
NANCARROW, LINSEY 3,005,944
NANCARROW, LINSEY 3,005,946
NANDAKUMAR, MADHUMITHA 3,006,187
NARAYANAN, SANJU 3,006,205
NASO, FILIPPO 3,006,234
NATARAJAN, CHANDRASHEKAR 3,006,089
NATH, LYUNNI VENKATA SESHA SAYI 3,005,864
NATIONAL HEALTH RESEARCH INSTITUTES 3,005,877
NATKIN, MICHAEL 3,005,618
NAVIDEA BIOPHARMACEUTICALS, INC. 3,006,054
NEAL, DANIEL R. 3,005,955
NEDDERSEN, ANASTASIA 3,005,972
NEFF, JONATHAN G. 3,005,637
NEFLU, MARCELA 3,006,192
NEFZGER, HARTMUT 3,005,676
NEGRINI, STEFANO 3,006,172
NELLIS, DAVID 3,005,968
NEMES, MARA 3,006,028
NESTEC S.A. 3,006,159
NESTEC S.A. 3,006,177
NESTINGER, STEPHEN S. 3,005,902
NETZER, GERHARD 3,005,668
NEUMANN, YAIR A. 3,005,752
NEURODERM, LTD. 3,006,028
NEUROLUTIONS, INC. 3,005,554
NEUROMOD DEVICES LIMITED 3,005,662
NEUROMOD DEVICES LIMITED 3,005,690
NEXTWAVE SOFTWARE INC. 3,005,770
NGUYEN, DAI QUOC 3,005,779
NGUYEN, PHILIP D. 3,005,708
NIEBELL, DOUGLAS P. 3,005,599
NIEDERMAN, ROBERT R. 3,006,068
NIESMAN, MICHAEL 3,005,723
NIHON NOHYAKU CO., LTD. 3,006,029
NILEWSKI, CHRISTIAN 3,006,041
NIPPON SHARYO, LTD. 2,976,552
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 3,005,704
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 3,006,263
NISHI, TAKAHIRO 3,005,713
NISHIKAWA, KENJI 3,005,811
NISLER, JAROSLAV 2,991,519
NISSAN MOTOR CO., LTD. 3,005,800
NITTO DENKO CORPORATION 3,005,937
NKT HV CABLES GMBH 3,005,922
NOGRA PHARMA LIMITED 3,005,932
NOHMS TECHNOLOGIES, INC. 3,005,799
NOLAN, ANGELA 3,005,795
NONOUCHI, SHINPEI 3,005,811
NOOK, JONATHAN LEWIS 3,005,971
NOOK, WILLIAM KNIGHT 3,005,971
NORDEIDE, PER KRISTOFFER 3,005,953
NORENBERG, RALF 3,006,277
NORRIS, MICHAEL PHILLIP 3,006,295
NORTHROP GRUMMAN SYSTEMS CORPORATION 3,006,284
NOSAKA, HIDEYUKI 3,006,263
NOURRY, CHRISTINE 3,005,288
NOVARTIS AG 3,004,685
NOVARTIS AG 3,005,798
NOVARTIS AG 3,005,950
NOVARTIS AG 3,005,954
NOVARTIS AG 3,006,032
NOVARTIS AG 3,006,053
NOVARTIS AG 3,006,254
NOVARTIS AG 3,006,258
NOVELIS INC. 3,006,318
NOVIMMUNE SA 2,994,772
NUNES, MARCO 3,006,261
NUNNA, KRISHNA CHAITANYA 3,005,827
NUSCALE POWER, LLC 3,006,317
NUTECH VENTURES 3,006,055

O&M HALYARD INTERNATIONAL UNLIMITED COMPANY 3,005,865
O'CONNOR, KEVEN 3,005,645
O'NEILL, ROSS 3,005,662
O'NEILL, ROSS 3,005,690
OCADO INNOVATION LIMITED 2,988,019
ODA, YOSHIHIKO 3,005,579
ODEGARD, JEREMY 3,005,970
OGER, ELODIE 3,005,605
OH, YEONG SOO 3,006,242
OH, YEONG SOO 3,006,247
OH, YEONG SOO 3,006,249
OHTA, YUICHIRO 3,006,256
OHTA, YUICHIRO 3,006,260
OKAMOTO, SATOSHI 3,006,170
OKANARI, EIJI 3,005,811
OKELEY, NICOLE 3,005,997
OKUBO, AKINORI 3,006,244
OKUBO, TOMOYUKI 3,005,579
OLEPU, SRINIVAS 3,006,205
OLSON, JAMES M. 3,005,928
OLSON, KURT G. 3,005,834
OLSZTA, WILLIAM E. 3,005,981
OMYA INTERNATIONAL AG 3,005,649
OMYA INTERNATIONAL AG 3,005,672
ONCOCROSS CO. LTD. 2,996,494
ONDI, LEVENTE 3,005,562
ONG, CHRISTOPHER J. 2,989,353
OOKI, OSAMU 3,005,800
OPHTHALIGHT DIGITAL SOLUTIONS INC. 3,005,756
ORBIS HEALTH SOLUTIONS LLC 3,005,739
OREGA BIOTECH 3,005,986
OREKHA, OLATUNJI 3,006,065
ORGANOFUEL SWEDEN AB 3,005,670
ORME, RON 3,006,319
ORMEROD, DOMINIC 3,005,699
OROSCO, JOHN 3,005,755
ORROCK, ANDREW 3,005,732
ORTENZI, LEONARDO 3,005,290
ORTENZI, LEONARDO 3,005,291
OSTROWSKI, JACEK 3,006,291
OTAGO INNOVATION LIMITED 3,006,269
OWUSU-ADOM, KWAME 3,005,610
OZAKI, KOICHI 3,005,817
OZSOLAK, FATIH 3,003,267
PACKARD, GARRICK KENNETH 3,006,041
PALACIO, FERNANDO NARANJO 3,005,634
PALAKAPILLY, BASIL J. 3,005,645
PALLANT, CELESTE 3,006,285
PALLANT, CELESTE 3,006,288
PAMER, ERIC 3,005,966
PAMMENT, MICHAEL G. 3,005,707
PAN, YULE 3,006,080
PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA 3,005,713
PANDEY, SUBODH K. 3,005,735
PANMAI, SANTIPHARP 3,006,192
PANZICA, DOMENICO 3,005,781
PAOLELLA, ANDREA 3,004,687
PAPAC, MICHAEL J. 3,006,032
PAPAC, MICHAEL J. 3,006,258
PAPP, ROBERT 3,005,703
PARACHUR, VIVEK ANAND 3,005,700
PARASELLI, PRASUNA 3,005,551
PARASELLI, PRASUNA 3,005,674
PARDASANI, UTSAV 3,005,782
PAREKH, GITA 3,006,157
PARISI, RICCARDO 3,005,594
PARK, HONGKUN 3,006,173
PARK, JI YOON 3,005,829
PARK, KYUNG EUN 3,006,242
PARK, KYUNG EUN 3,006,247
PARK, KYUNG EUN 3,006,249
PARK, YANG BAE 3,005,599
PARK, YANG BAE 3,005,612
PARK, YANG BAE 3,005,748
PARK, YANG BAE 3,005,871
PARK, YUN HEE 3,006,242
PARK, YUN HEE 3,006,247
PARK, YUN HEE 3,006,249
PARKHOMENKO, OLEKSII HENNADIIOVYCH 3,006,286
PARKHOMENKO, SERHII VIKTOROVYCH 3,006,286
PARMER, TIMOTHY 3,005,970
PASCH, ANDREAS 3,005,933
PATEL, DRUPESH 3,005,893
PATIN, AMAURY 3,006,177
PATTERSON, GREG 3,006,049
PATTERSON, JAMES 3,005,454
PATTERSON, JEREMY CHRISTIAN 3,005,625
PATUREL, CARINE 3,005,986
PATZNER, JEROD 3,005,738
PAUL SCHERRER INSTITUT 3,005,773
PAWELCZYK, NICOLAS 3,005,701
PBU (UK) LTD 3,006,144
PEACOCK, JAMES 2,989,353
PEKING UNIVERSITY 3,005,671
PENN, GERHARD 3,006,254
PEPPER, SEAN ROGER MICHAEL 3,005,919
PEPSICO, INC. 3,005,606
PERBOST, MICHEL GEORGES 3,006,027
PERELLI, THOMAS 3,005,881
PEREZ, PAOLA ALEJANDRA 3,005,827
PERI GMBH 3,005,677
PERI GMBH 3,005,684
PERNODET, NADINE 3,005,605
PERRIN, BERNARD 3,005,668
PERROT, IVAN 3,005,986
PERROUD, THOMAS DANIEL 3,006,027
PETERSON, BRENT L. 3,004,085
PETIT, VINCENT 3,005,669
PETREMAND, YVES 3,006,140
PETRY, SEBASTIAN 3,005,943
PETRY, SEBASTIAN 3,005,944
PETTINGA, MARK STEVEN 3,006,298
PFEIFER, DANIEL 3,005,668
PFIZER INC. 3,005,957
PHAGENESIS LIMITED 3,006,012
PHAN, LY TH 3,005,752
PHELIPPEAU, PATRICK 3,006,264
PHILIP MORRIS PRODUCTS S.A. 3,005,578
PHILIP MORRIS PRODUCTS S.A. 3,005,581
PHILIP MORRIS PRODUCTS S.A. 3,005,582
PHILIP MORRIS PRODUCTS S.A. 3,005,590
PHILIP MORRIS PRODUCTS S.A. 3,005,654
PHILIP MORRIS PRODUCTS S.A. 3,005,687
PHILIP MORRIS PRODUCTS S.A. 3,006,006
PHILIP MORRIS PRODUCTS S.A. 3,006,007
PHILIP MORRIS PRODUCTS S.A. 3,006,008
PHILIP MORRIS PRODUCTS S.A. 3,006,238
PHILIP MORRIS PRODUCTS S.A. 3,006,239
PHILIP MORRIS PRODUCTS S.A. 3,006,266
PHILON-THOMAS, SHARI 3,006,302
PICKERING, CARLY 3,005,652
PIELA, NICHOLAS 3,005,719
PIEROTTI, JEREMY E. 3,005,755
PIETRAS, RICHARD J. 3,006,267
PINGREE, CHARLES 3,006,142
PIRIE, CHRIS 3,005,943
PISKORZ, IRENEUSZ 3,006,020
PISKORZ, TOMASZ TADEUSZ 3,006,020
PISKORZ, WALDEMAR 3,006,020
PITOUX, THIERRY 3,005,577
PLANET LABS, INC. 3,005,733
PLANET LABS, INC. 3,005,736
PLANET LABS, INC. 3,005,747
PLOURDE, ERIC 3,006,299
POET RESEARCH, INC. 3,005,999
POLANSKY, JIM 3,006,203
POLCIN, RYAN 3,005,970
POLLITT, JACK 3,005,970
POLLITT, WILLIAM C. 3,005,624
POOL, SCOTT LOUIS 3,005,752
PORLIER, CLAUDE 3,006,174
PORTAL INSTRUMENTS, INC. 3,005,459
PORTO-CARRERO, WIM 3,005,699
POSLUSNEY, MICHAEL STEVEN 3,006,189
POTTER, RACHAEL 3,005,633
POWELL, ADAM B. 3,005,834
POWELL, ANTHONY L. 3,005,698
POZUELO RUBIO, MERCEDES 3,005,492
PPG INDUSTRIES OHIO, INC. 3,005,834
PPG INDUSTRIES OHIO, INC. 3,006,276
PRAMANICK, SOUGATA 3,006,251
PREISS, FRANK HARON 3,006,230
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,006,173

PREVIDI, FABIO 3,006,149
PRICONE, ROBERT M. 3,005,722
PRINCE, EDWARD A. 3,005,624
PRIVA B.V. 3,005,586
PRIYADARSHY, SATYAM 3,005,819
PROTONEX TECHNOLOGY CORPORATION 3,005,719
PROULX, ANTOINE 3,006,221
PROVECTUS PHARMATECH, INC. 3,006,302
PROVIVI, INC. 3,005,562
PRYOR, LEONARD WILLIAM 3,006,270
PUGAZHENDHI, PERUMAL 3,005,623
PULASKI, PAUL 3,005,955
PURI, DHIVYA JYOTI 3,006,253
Q30 SPORTS SCIENCE, LLC 3,005,555
Q30 SPORTS SCIENCE, LLC 3,005,557
QASIM, MOHAMMED ASIF 3,006,241
QBO COFFEE GMBH 3,005,685
QIAGEN GMBH 3,005,694
QIAGEN SCIENCES, LLC 3,006,027
QIAN, JING 3,005,688
QIAO, SHUO 3,005,671
QIDNI LABS, INC. 3,006,202
QU, GUANG 3,006,309
QU, TONG 3,005,920
QUALCOMM INCORPORATED 3,005,846
QUALCOMM INCORPORATED 3,006,019
QUANTUM FUEL SYSTEMS LLC 3,006,043
QUANTUM FUEL SYSTEMS LLC 3,006,046
QUATTRONE, MICHELE 3,006,009
QUINN, CHRISTOPHER MARK 3,005,836
QUINN, REED 3,005,650
QUINN, SPENCER 3,005,650
QUINTERO ORTIZ, MARISOL 3,005,492
R. J. REYNOLDS TOBACCO COMPANY 3,005,788
R.A.W. S.R.L. 3,005,705
RAAB, SABINE 3,005,764
RACZ, PIERRE 3,005,479
RADIOMETER MEDICAL APS 3,006,271
RAGLAND, ROBERT R. 3,005,554
RAHN, MAIKE 3,004,085
RAJPAL, ARVIND 3,005,855
RAKUS, PAUL R. 3,005,624
RALSTON, TYLER S. 3,005,680
RALSTON, TYLER S. 3,006,064
RALSTON, TYLER S. 3,006,067
RAMABHADRAN, RAMANUJAM 3,006,290
RAMAIYA, PREETHI 3,005,953
RAMAKRISHNAN, BOOPATHY 3,006,058
RAMMELOO, THOMAS JOACHIM LANDEWALD 3,006,237
RAMUS, JASON M. 3,005,659
RAND, CHARLES J. 3,006,079
RAPECKI, STEPHEN EDWARD 3,005,994
RASANEN, JUKKA 3,005,935
RASANEN, JUKKA 3,005,940
RASHIDI, YOUNES 3,005,756
RATHMACHER, JOHN 3,004,958
RAUTIO, MARKKU 3,005,769
RAVANDER, DAVID ROBERT 3,006,280
RAYMOND, THOMAS D. 3,005,955
RAZ, AMIR 3,006,022
REBILLARD, ERIC 3,005,922
REDDY, ANDHE V.N. 3,005,779
REDDY, UMESH N. 3,005,827
REED, DAVID P. 3,006,077
REED, DAVID P. 3,006,081
REED, MARK DOUGLAS 3,006,047
REEVES, BRIAN PAUL 3,006,296
REGEV, AVIV 3,005,878
REHDER, KENNETH S. 3,006,205
REICH, SIEGFRIED H. 3,006,041
REILAND WAKEMAN, JOANNE 3,006,167
REINERT, MICHAEL 3,005,691
REISERER, RONALD S. 3,006,063
REITSMA, PIETER H. 3,006,175
REKOW, MATHEW NOEL 3,005,902
REN FUEL K2B AB 3,005,772
REN, ALBERT S. 3,002,525
REN, ALBERT S. 3,002,544
REN, JIE 3,006,192
REN, QINGYUN 3,005,921
RENSSELAER CENTER FOR TRANSLATIONAL RESEARCH, INC. 3,005,977
REPENNING, DETLEV 3,005,925
REPRO-MED SYSTEMS, INC. 3,006,312
RESEARCH INSTITUTE OF NATIONWIDE CHILDREN'S HOSPITAL 3,005,633
RESEARCH TRIANGLE INSTITUTE 3,006,205
RESHYDRO LLC 3,006,281
RETROTOPE, INC. 3,005,983
REUTHER, GARY E. 3,006,062
REYES, JOSE N., JR. 3,006,317
REYNARD, FREDERIC 3,006,078
REYNOLDS, JAMES 3,006,308
RHODES, ALAN 3,006,161
RHODIA OPERATIONS 3,006,264
RICHARD, JOSEPH EDWARD 3,006,301
RICHARDS, CHRIS 3,006,049
RICHMAN, JESSICA 3,005,963
RICHMAN, JESSICA 3,005,985
RICHMAN, JESSICA 3,005,987
RICHMAN, JESSICA 3,006,036
RICHMAN, JESSICA 3,006,044
RICHMAN, JESSICA 3,006,057
RICHMAN, JESSICA 3,006,059
RICHWOOD INDUSTRIES INC. 3,006,033
RICKEY, TODD 3,005,663
RICO ALVARINO, ALBERTO 3,005,846
RIGO, FRANK 3,006,015
RIMMEY, BRIAN THOMAS 3,005,849
RINGER, YORAM 2,993,241
RIOUX, FREDERIC 3,005,479
RIPBERGER, CARRIE 3,006,287
RITTER, DAVID ROBERT 3,006,082
RITTO, JOSE LUIZ AIELLO 3,001,043
RIZK, SAID 3,005,604
ROBERT, PATRICK H. 3,005,865
ROBERTS, TUCKER CURRAN 3,005,551
ROBERTS, TUCKER CURRAN 3,005,674
ROBERTS-HOFFMAN, KATIE LEAH 3,005,635
ROBERTSON, MARK ALLEN 3,005,736
ROBERTSON, MARK ALLEN 3,005,747
ROBIBERO, VINCENT 3,006,005
ROBINSON, ALEXANDER 3,006,144
ROCKWOOL INTERNATIONAL A/S 3,005,929
RODENCAL, CURTIS J. 3,005,621
RODINO-KALAPAC, LOUISE 3,005,633
ROHM AND HAAS COMPANY 3,006,079
ROJO, TEOFILO 3,004,687
ROJO-CALDERON, NOELIA 3,005,578
ROJO-CALDERON, NOELIA 3,005,582
ROKEGEM, PASCAL 3,005,328
ROLLER, SEBASTIAN 3,006,252
ROPER, TODD 3,006,065
ROSALES, COURTNEY A. 3,006,303
ROSENTHAL, ARNON 3,006,092
ROSHAN, YASER MOHAMMADIAN 3,005,756
ROSIERE, REMI 3,005,992
ROSS, WILLIAM 3,005,673
ROTILIO, ALESSANDRO 3,005,705
ROTTENSTEINER, HANSPETER 3,005,565
ROUSSEL, ALAIN 3,005,986
ROWLINGS, COLIN 3,006,167
RQX PHARMACEUTICALS, INC. 3,005,551
RQX PHARMACEUTICALS, INC. 3,005,674
RUCH, THOMAS 3,006,254
RUETER, JAIMIE KARYN 3,002,551
RUGGED LINER, INC. 2,991,735
RUITENBEEK, MATTHIJS 3,005,613
RUNYON, SCOTT P. 3,006,205
RUSTIONI, MIRKO 3,005,675
RYAN, SARAH 3,005,738
RYAN, SARAH 3,005,743
RYAN, SARAH 3,005,744
RYAN, SARAH 3,005,862
RYLE, JORDAN WOLF 3,003,744
S.D. WARREN COMPANY D/B/A SAPPI NORTH AMERICA 3,006,004
SAAD, MAAROUF 3,006,115
SAAVEDRA, PATRICIO HUMBERTO 3,005,641
SAFRAN 3,005,271
SAFRAN CERAMICS 3,005,329
SAFRAN CERAMICS 3,005,575
SAFRAN HELICOPTER ENGINES 3,005,271
SAGE SCIENCE, INC. 3,005,895
SAGE, CARLETON R. 3,002,544
SAHEL, JOSE-ALAIN 3,005,527
SAINATH INTELLECTUAL PROPERTIES, LLC 3,005,864
SAINT-GOBAIN GLASS FRANCE 3,005,504

SAINT-GOBAIN GLASS FRANCE 3,005,761
SAINT-GOBAIN GLASS FRANCE 3,005,765
SALA HOJMAN, ADA 3,006,168
SALAZAR, NELSON TIMOTHY 3,005,618
SALLA, RAJENDER 3,005,708
SALMILEHTO, JUHA 3,004,750
SALVADORI, STEFANO 3,005,675
SAMEC, JOSEPH 3,005,772
SAMPEI, ZENJIRO 3,005,592
SAMUDRALA, OMPRAKASH 3,006,296
SAMUDRALA, OMPRAKASH 3,006,307
SAMUEL, ROBELLO 3,005,825
SAMUEL, ROBELLO 3,005,827
SAMY, EILEEN 3,005,764
SANCHEZ GARCIA, SERGIO 3,006,273
SANCHEZ, NEVADA J. 3,006,064
SANDEKIAN, PATRICIA 3,005,970
SANDVIK INTELLECTUAL PROPERTY AB 3,005,642
SANKARANARAYANAN, SETHU 3,006,092
SANO, YUSUKE 3,006,029
SANSOM, DAVID 3,005,755
SANSORO HEALTH, LLC 3,005,755
SANTANA DE ARRUDA, LIVIA 3,005,806
SAOUROS, SAVVAS 2,999,384
SAPPI NETHERLANDS SERVICES B.V. 3,006,236
SARNAIK, AMOD 3,006,302
SAUDI ARABIAN OIL COMPANY 3,006,283
SAUVAGE, BRUNO 3,005,328
SAUVIAT, CEDRIC 3,006,164
SAWHNEY, AMARPREET S. 3,006,303
SAYGILI, ALI MURAT 3,005,581
SAYGILI, ALI MURAT 3,005,590
SAYGILI, ALI MURAT 3,006,008
SBARRO, DONNA 3,005,771
SCARPELLI, ALESSANDRO 3,005,675
SCHAEFFLER TECHNOLOGIES AG & CO. KG 3,005,925
SCHALK, GERWIN 3,005,554
SCHEFFLER, CRAIG RAYDEAN 3,005,733
SCHEIFLINGER, FRIEDRICH 3,005,565
SCHEINBERG, DAVID 3,005,896
SCHIARETTI, FRANCESCA 3,005,290
SCHIEBER, ANDREW 3,006,042
SCHLAGETER, JOHN CULLEN 3,005,973
SCHLAMA, THIERRY 3,006,254
SCHMID, MARCO 3,006,213
SCHMIDT, JAMES 3,005,796
SCHNEIDER, JENNIFER M. 3,005,742
SCHNEIDER, JENNIFER M. 3,005,757
SCHNEIDER, WERNER 3,005,677
SCHNEIDER, WERNER 3,005,684
SCHOELKOPF, JOACHIM 3,005,649
SCHOOR, OLIVER 3,005,813
SCHOUTEN, JAN 3,005,294
SCHRAUDER, MATTHEW 3,005,970
SCHRAUDER, MATTHEW 3,005,974
SCHUBERT, MATTHIAS 3,005,822
SCHUBERT, ULRICH SIGMAR 3,005,643
SCHWARTZMILLER, DAVINA J. 3,005,834
SCHWARZ, JACOB BRADLEY 3,005,551
SCHWARZ, JACOB BRADLEY 3,005,674
SCHWEIZER, LIANG 3,005,855
SCHWENZOW, UWE 3,005,762
SCOTT & WHITE HEALTHCARE 3,005,901
SCOTT, TIMOTHY 3,006,199
SEAH, CHOON MING 3,005,208
SEAH, EE-LING 3,005,774
SEALFON, ANDREW I. 3,006,312
SEARS, STEPHEN BENSON 3,005,788
SEATTLE GENETICS, INC. 3,005,997
SEATTLE GENETICS, INC. 3,006,000
SEBASTIAN, RICHARD 3,005,603
SECK, GERHARD 3,005,689
SEDDON, DAVID ALAN 3,005,836
SEEGENE, INC. 3,005,600
SEIBERG CONSULTING, LLC 3,005,842
SEIBERG, MIRI 3,005,842
SELA, EINAT 3,006,028
SELBY, MARK J. 3,005,855
SELVEY, LEE ALANI 3,002,551
SEMPLE, GRAEME 3,002,525
SEMPLE, GRAEME 3,002,544
SENESH, GIL 3,005,752
SENHWA BIOSCIENCES, INC. 3,005,730
SENS GEOENERGY STORAGE AB 3,005,626
SENS GEOENERGY STORAGE AB 3,005,646
SENS GEOENERGY STORAGE AB 3,005,653
SENS GEOENERGY STORAGE AB 3,005,679
SENTER, PETER 3,005,997
SEOANE SUAREZ, JOAN 3,006,168
SERES THERAPEUTICS, INC. 3,006,187
SHAH, BHAVIN 3,005,604
SHAHINPOUR, ARASH 3,006,230
SHAIKH, SIDDIQUE 2,988,019
SHAKYA, SAGAR RAJ 3,002,551
SHAN, RUDONG 3,005,779
SHANG, LIMIN 2,994,772
SHARMA, AMIT 3,005,964
SHARRATT, JASON 3,006,071
SHCHEPINOV, MIKHAIL SERGEEVICH 3,005,983
SHEKHAR, KARTHIK 3,005,878
SHERER, BRIAN A. 3,005,766
SHERMAN, CORY E. 3,006,284
SHERMAN, MATTHEW L. 3,005,975
SHIGETA, YASUSHI 3,005,589
SHILTON, ANDREW NICHOLAS 3,005,620
SHIN, YONG WON 3,005,829
SHINMURA, YASUHIKO 3,005,814
SHINOHARA, YUUKO 3,005,811
SHINOZAKI, KOTARO 3,005,851
SHIOSAKI, DOMINIC TIMOTHY 3,006,066
SHIREMAN, DENNIS EARL 3,005,597
SHIREMAN, DENNIS EARL 3,005,601
SHORT BROTHERS PLC 3,005,787
SHPIGELMAN, LEONID 3,005,711
SHRIVER, ZACHARY HOLMES 3,006,058
SIDEL PARTICIPATIONS 3,005,808
SIGOILLOT-CLAUDE, CECILE 3,006,078
SIGURTA', ALESSANDRO 3,006,146
SIL VON, LLC 3,006,050
SILVA ZOLEZZI, IRMA 3,006,177
SILVERI, MATTI 3,004,750
SIMON, WERNER 3,005,683
SIMPSON, BRETT 3,006,319
SIMPSON, DEREK 3,005,787
SINATRA, TAYLOR J. 3,006,037
SINGAO CO., LTD. 3,005,160
SINGER, JAMIE 3,006,302
SINGH, DEVENDRA DEO NARAIN 3,006,261
SINGH, HARPREET 3,005,813
SINGH, RAJINDER 3,005,656
SINGH, SURESH B. 3,005,658
SINGH, SURESH B. 3,005,945
SINHA, UTTAM K. 3,004,478
SINICROPI, JOHN 3,005,799
SISTEMICH, ALEXANDER 3,006,026
SITBON, MARC 3,005,669
SITZMANN TOOLS, LLC 3,005,821
SITZMANN, BEAU 3,005,821
SLEIJSTER, HENRY 3,005,935
SLEIJSTER, HENRY 3,005,940
SLOAN, GINA PARISE 3,005,597
SLOAN, GINA PARISE 3,005,601
SMAL, OLIVIER 3,005,777
SMITH, CHRISTOPHER S. 3,006,033
SMITH, MARCUS A. 3,006,304
SMITH, PETER ANDREW 3,005,551
SMITH, PETER ANDREW 3,005,674
SMITH, RONALD BRIAN 2,991,735
SMITH, RONALD T. 3,004,685
SNUGGERUD, ROSS 3,006,317
SOBRAL, LUIS 3,005,806
SOCIETE TECHNIQUE POUR L'ENERGIE ATOMIQUE 3,005,927
SOCLEAN, INC. 3,005,981
SOE, ZAW 3,005,740
SOFTBANK ROBOTICS EUROPE 3,005,651
SOLBIATI, MARCO 3,005,705
SOLHEIM, JOHN A. 3,005,852
SOMERVILLE-ROBERTS, NIGEL PATRICK 3,005,652
SOMMA, GENNARO 2,992,411
SON, JAE WOON 3,005,829
SONDERHOFF CHEMICALS GMBH 3,006,026
SONG, HO YOUNG 3,006,242
SONG, HO YOUNG 3,006,247
SONG, HO YOUNG 3,006,249
SONODA, KENGO 3,005,814
SOONG, JOHN 3,005,730
SOPHIA GENETICS S.A. 3,005,791

SORBONNE UNIVERSITE 3,005,527
SORRENTO THERAPEUTICS, INC. 3,005,454
SOTO SIMON, ATENEA 3,006,168
SOTTERO, THEO L. 3,005,928
SOULIAC, GUILLAUME 3,005,577
SOULS, DOUG 3,005,729
SOUTHWESTERN ENERGY COMPANY 3,005,657
SPARK INNOVATION, LLC 3,005,650
SPARK THERAPEUTICS, INC. 3,006,309
SPATERNA, ANDREA 3,005,754
SPELLER, PETER 3,006,253
SPICHAL, LUKAS 2,991,519
SPIE BATIGNOLLES GENIE CIVIL 3,005,577
SPIECKER, P. MATTHEW 3,005,990
SPIECKER, P. MATTHEW 3,005,995
SPOHN, MICHAEL 3,005,970
SPOHN, MICHAEL A. 3,005,974
SPRATT, RAY STEVEN 3,005,795
SPRENGELER, PAUL A. 3,006,041
SRINIVASAN, MOHAN 3,005,855
SRINIVASAN, RAGAVAN 3,006,270
SRINIVASMURTHY, VENKATAGIRI 3,006,289
STAELENS, STEPHANIE 3,006,235
STAMATI, IOANNA 2,999,384
STANFIELD, JAMES RICHARD 3,005,971
STARK, WILLIAM J., III 3,006,053
STARKIE, LAURA 3,005,523
STAUB, EIKE 3,005,764
STEINER, TIMOTHY DEIGHTON 2,988,019
STELLWAG, BERNHARD 3,005,697
STEMIMMUNE, INCORPORATED 3,003,133
STENSLAND, GEOFFREY LAWRENCE 3,006,280
STETSON, DOUGLAS 3,005,882
STEVENSON, ROBERT A. 3,005,888
STEVENSON, WENDY L. 3,005,888
STOKELY-VAN CAMP, INC. 3,004,085
STOLZE, MARTIN 3,005,952
STOVER, CHARLES K. 3,005,665
STRIDE, ELEANOR 3,006,018
STRNAD, MIROSLAV 2,991,519
STROVEL, JEFFREY WILLIAM 3,006,300
STRUBBE, BEATRIJS 3,006,235
STRYKER CORPORATION 3,005,991
STUART-PAUL, CRAIG 3,006,253
STUBLER, JEROME 3,006,164
STUDER, CHRISTIAN 3,005,984
STURDIVANT, JILL M. 3,005,707
SUBASINGHE, UDITHA PRIYANKARA 3,005,678
SUGIMURA, TOSHIO 3,005,817
SUKEMUNE, TAKESHI 3,006,244
SULLENBERGER, MICHAEL T. 3,005,738
SUMITOMO CHEMICAL COMPANY, LIMITED 3,005,715
SUNSHINE LAKE PHARMA CO., LTD. 3,005,918
SUNSHINE LAKE PHARMA CO., LTD. 3,005,920
SUNSHINE LAKE PHARMA CO., LTD. 3,005,921
SUNTYCH, JON DAREN 3,005,632
SUPROCK, CHRISTOPHER 3,006,088
SUWA, AKIYUKI 3,006,029
SWAN, MICHAEL D. 3,006,038
SWANSON, TAIT RUSSELL 3,005,745
SWINNEN, DOMINIQUE 3,006,189
SYNAPTIVE MEDICAL (BARBADOS) INC. 3,005,782
SYNTHON BIOPHARMACEUTICALS B.V. 3,005,294
SZALAI, MICHAEL L. 3,005,976
SZALAY, ALADAR 3,003,133
SZE[illegible]YK, JANAH C. 3,006,079
SZPYT, ADAM ROMAN 3,005,923
TAIPEI MEDICAL UNIVERSITY 3,005,614
TAKAGI, SHOTA 3,005,814
TAKAHAGI, MAKOTO 3,005,714
TAKAKARHU, JOUNI 3,005,940
TAKAKAWA, RYAN MAKOTO 3,006,258
TAKEDA, KOEI 3,004,692
TAKEDA, KOTARO 3,005,704
TAL, ASHER 2,997,896
TALLON, MICHAEL A. 3,005,893
TALUSKIE, KAREN V. 3,005,788
TAN, LENNY T. 3,006,035
TANAKA, HIROKO 3,005,656
TANG, CHANGHUA 3,005,921
TANG, PENGCHO 3,005,920
TANG, YILIN 3,005,917
TANKAKA, HIROKO 3,005,737
TANNERGREN, CHRISTER 3,006,167
TARAVELLA, ANNA 3,006,146
TARLET, JEAN-MICHEL 3,005,277
TATAPUDY, HANUMANTHARAO 3,005,785
TATAVARTI, ADITYA 3,006,192
TAYLOR, JAMES 3,005,881
TAYLOR, RICHARD DAVID 3,005,809
TAYLOR, ROBERT J. 3,006,056
TAYLOR, ROBERT J. 3,006,060
TE CONNECTIVITY CORPORATION 3,005,625
TE CONNECTIVITY CORPORATION 3,005,758
TEHAN, BENJAMIN GERALD 3,003,669
TELOIP INC. 3,005,641
TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 3,006,305
TENDYNE HOLDINGS, INC. 3,005,908
TENDYNE HOLDINGS, INC. 3,006,010
TENOVA S.P.A. 3,006,147
TENSORCOM, INC. 3,005,740
TEPHA, INC. 3,005,604
TERADA, KENGO 3,005,713
THALES CANADA INC. 3,005,569
THE ANSWER GROUP INC. 3,005,867
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 3,005,911
THE BOTTLEFLY, INC. 3,006,199
THE BRIGHAM AND WOMEN'S HOSPITAL, INC. 3,005,878
THE BROAD INSTITUTE, INC. 3,005,878
THE CHARLES STARK DRAPER LABORATORY, INC. 3,005,969
THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE 3,005,814
THE CLEVELAND CLINIC FOUNDATION 3,005,760
THE CLOROX COMPANY 3,006,287
THE COCA-COLA COMPANY 3,005,630
THE NOCO COMPANY 3,005,971
THE PROCTER & GAMBLE COMPANY 3,005,629
THE PROCTER & GAMBLE COMPANY 3,005,652
THE PROCTER & GAMBLE COMPANY 3,005,759
THE PROCTER & GAMBLE COMPANY 3,005,760
THE PROCTER & GAMBLE COMPANY 3,005,763
THE PROCTER & GAMBLE COMPANY 3,005,939
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,005,874
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,005,968
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,006,267
THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE 3,006,042
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 3,006,300
THE UNIVERSITY OF BRITISH COLUMBIA 2,989,353
THE UNIVERSITY OF LIVERPOOL 3,005,695
THEDUFFUS V/DAVID JOHN DUFFUS 3,005,640
THIBADO, JOHN 3,006,049
THIBAUD, SIMON 3,005,329
THIBAUD, SIMON 3,005,575
THIELE, GEORG FRIEDRICH 3,006,136
THOBADI, ITUMELENG 3,005,810
THOMAS, JAMES BARNWELL 3,006,205
THOMPSON, JOHN P. 3,006,089

THOMPSON, NICHOLAS MARK 3,006,253
THOMSEN, CARSTEN 3,006,216
THORBURN, JAN 3,005,626
THORBURN, JAN 3,005,646
THORBURN, JAN 3,005,653
THORBURN, JAN 3,005,679
THORNDYKE, ERIC 3,006,199
THUNDERSHIRT, LLC 3,006,062
TICE, COLIN M. 3,005,658
TICLE, DANIEL-IOAN 3,006,003
TIMBERMAN, JULIE 3,006,287
TIMOTIJEVIC, BRANISLAV 3,006,140
TINERVIA, MARIO 3,005,675
TITAN SPINE, LLC 3,005,742
TITAN SPINE, LLC 3,005,757
TMT LAB INC. 3,005,678
TOLMAN, RANDY C. 3,005,990
TOLMAN, RANDY C. 3,005,995
TOMA, TADAMASA 3,005,713
TOMIZAKI, TAKASHI 3,005,773
TONG, JIANFENG 2,991,735
TORLUCCIO, ANTONIO 3,005,594
TORMEN, MAURIZIO 3,006,140
TORRES, GABRIEL 3,005,799
TOYOTA, TAKESHI 3,005,803
TOYOTA, TAKESHI 3,005,807
TOYOTA, TAKESHI 3,005,812
TOYOTA, TAKESHI 3,005,823
TRAFIMET GROUP S.P.A. 3,005,703
TRAN, CHINH 3,006,041
TRAN, PETER PHONG 3,005,752
TRANSFERT PLUS, S.E.C. 3,006,313
TRANSLATE BIO MA, INC. 3,003,267
TRAPANI, MICHAEL 3,005,599
TREDER, RALF THOMAS 3,006,153
TREMBLAY, MARTIN 3,005,557
TRICKLESTAR LIMITED 3,006,016
TRIPATHI, SWATI 3,005,735
TRIPLETT, DANIEL J. 3,005,616
TRIPP, RALPH A 3,005,989
TRIPP, RALPH A. 3,005,980
TRUDELL MEDICAL INTERNATIONAL 3,005,796
TSUJINO, SOICHIRO 3,005,773
TTI (MACAO COMMERCIAL OFFSHORE) LIMITED 3,005,663
TURCONI, PAOLA 3,006,146
TURNER, CARL W. 3,005,688
TURNER, IAN STUART 3,005,778
TURNER, JAMES D. 3,006,094
TURNER, ROBERT HAINES 3,005,629
UBE INDUSTRIES, LTD. 3,005,811
UBER TECHNOLOGIES, INC. 3,005,673
UBIOME, INC. 3,005,963
UBIOME, INC. 3,005,985
UBIOME, INC. 3,005,987
UBIOME, INC. 3,006,036
UBIOME, INC. 3,006,044
UBIOME, INC. 3,006,057
UBIOME, INC. 3,006,059
UCB BIOPHARMA SPRL 3,005,523
UCB BIOPHARMA SPRL 3,005,809
UCB BIOPHARMA SPRL 3,005,931
UCB BIOPHARMA SPRL 3,005,994
UCB BIOPHARMA SPRL 3,006,086
UCHIDA, NAOMI 3,005,814
UEDA, SAORI 3,005,851
ULLIUS, ANDREA 3,005,694
ULLYOT, JAMES R. 3,005,710
ULTIMATE SPECIALTIES LLC 3,005,859
UNDERHILL, DEREK MICHAEL 3,005,971
UNITED INITIATORS GMBH 3,005,926
UNITHER PHARMACEUTICALS 3,005,785
UNIVERSITAT BERN 3,005,933
UNIVERSITE DE LIMOGES 3,005,815
UNIVERSITE DE LIMOGES 3,005,820
UNIVERSITE DE MONTPELLIER 3,005,669
UNIVERSITE LIBRE DE BRUXELLES 3,005,992
UNIVERSITE PARIS 13 3,005,930
UNIVERSITE PARIS DESCARTES - PARIS V 3,005,669
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. 3,005,980
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. 3,005,989
UNIVERSITY OF SOUTHERN CALIFORNIA 3,004,478
UNIVERSITY OF ULSTER 3,006,018
UOTSU, SHINICHI 3,004,692
UPRETY, KRISHNA K. 3,006,276
URBAN, DANIEL JASON 3,006,300
URBAN, MIRIAM 3,005,764
USHIYAMA, SHIGERU 3,005,811
USTAV EXPERIMENTALNI BOTANIKY AV CR, V.V.I. 2,991,519
VAINSHTOK, IRENA 3,006,028
VAISH, NARENDRA 3,005,937
VALENTI, MICHAEL 3,005,785
VALLES, VANESSA 3,006,145
VAMVA, EIRINI 3,006,285
VAMVA, EIRINI 3,006,288
VAN BREMPT, RONALD KAREL LOUISA 3,005,666
VAN DAM, JEREMY DANIEL 3,006,296
VAN DER HELM, REINIERUS THEODORUS CORNELIS 3,005,586
VAN DER LEE, MIRANDA MARIA CORNELIA 3,005,294
VAN HEE, DANIEL 3,006,174
VAN HEUGTEN, ANTHONY 3,006,274
VAN LIEROP, MARCO 3,005,655
VAN ROOZENDAAL, ANDREAS MATHEUS ADRIANUS 3,006,153
VAN SPAENDONK, BRAM ADRIANUS WALTHERUS 3,005,617
VAN WERT, JAMES 3,006,314
VAN WOENSEL, MATTHIAS 3,005,992
VAN'T SCHIP, JOHANNES STEFANUS 3,006,298
VANDEKERCKHOVE, STIJN 3,006,145
VANDERBILT UNIVERSITY 3,006,063
VANDIERENDONCK, MICHAEL L. 3,006,322
VANSLETTE, ANDREW C. 3,006,303
VARNAS, SAULIUS 3,005,795
VARNAT, FREDERIC 3,005,820
VARONE, XAVIER 3,006,318
VASSILICOS, JOHN CHRISTOS 3,005,801
VAUGHAN, BRIAN 3,006,070
VAUGHAN, BRIAN 3,006,072
VAUGHAN, MICHAEL R. 3,005,607
VECCHI, ALFEO 3,005,982
VECHINA, JOSE M. 3,005,636
VECTORBLOCK LLC 3,005,875
VEISTO OY 3,005,769
VEJDANI, AMIRHOSSEIN 3,005,756
VELODYNE LIDAR, INC. 3,005,902
VENKATRAMAN, SHANKAR 3,005,945
VENTANA MEDICAL SYSTEMS, INC. 3,005,804
VENTURONI, FRANCESCO 3,006,254
VERBRUGGEN, PAUL 3,005,655
VERHOEF, DANIEL 3,006,175
VERSALIS S.P.A. 3,005,967
VHORA, SAMEER S. 3,005,621
VIART, GUY 3,005,328
VIAUX, IVAN 3,006,324
VICKTORIUS, WINFRIED 3,006,153
VICTAULIC COMPANY 3,005,599
VICTAULIC COMPANY 3,005,612
VICTAULIC COMPANY 3,005,748
VICTAULIC COMPANY 3,005,871
VICTAULIC COMPANY 3,006,314
VIDAL, CECILE 3,005,527
VIDLUND, ROBERT 3,005,908
VIDLUND, ROBERT M. 3,006,010
VIDLUND, ZACH 3,006,010
VIDOVIC, DRAGOSLAV 3,005,983
VIELEHR, DAVID 3,005,732
VIENRAVEE, BRIAN 3,005,959
VIEWRAY TECHNOLOGIES, INC. 3,005,964
VIIV HEALTHCARE UK (NO.4) LIMITED 3,004,856
VIJAY, SAMEER 3,005,935
VIJAY, SAMEER 3,005,940
VILLANUEVA GARCIA, ANA 3,005,492
VINATI S.R.L. 3,006,149
VINATI, FELICE 3,006,149
VINATI, GIACOMO 3,006,149
VINATI, MARIACHIARA 3,006,149
VINATI, MATTEO 3,006,149
VINATI, SAMUELE 3,006,149
VINCI CONSTRUCTION 3,006,164
VINK, CONRAD 3,006,285
VINK, CONRAD 3,006,288
VIOLA, ALAIN 3,005,271
VIRGAUX, NICOLAS 3,005,328
VISTERRA, INC. 3,006,058
VISWANATHAN, KARTHIK 3,006,058
VITAE PHARMACEUTICALS, INC. 3,005,658
VITAE PHARMACEUTICALS, INC. 3,005,945

VITI, FRANCESCA 3,005,932
VITO NV 3,005,699
VIZCARRA, GABRIELA 3,005,947
VKR HOLDING A/S 3,006,216
VOISIN, FLORIANDRE 3,005,288
VOLKMER, JENS-PETER 3,005,911
VON CORSWANT, CHRISTIAN 3,006,167
VON GYNZ-REKOWSKI, GUNTHER HH 3,006,024
VOORHEES, THOMAS 3,005,554
VOSS, KENNETH E. 3,005,574
VOSTERS, KATHERINE G. 3,005,866
VOUTILAINEN, MARTTI KALEVI 3,005,818
VULIC, MARIN 3,006,187
VYAIRE MEDICAL CONSUMABLES LLC 3,005,609
W.C. BRADLEY CO. 3,005,903
W.M. BARR & COMPANY, INC. 3,005,597
W.M. BARR & COMPANY, INC. 3,005,601
WACHTER, ERIC A. 3,006,302
WAGNER, BRIAN P. 3,006,284
WAGNER, THOMAS E. 3,005,739
WAKITA, HITOSHI 3,006,263
WALDMAN, ERICK 3,005,943
WALDMAN, ERICK 3,005,944
WALKER, MARY AMELIA 3,006,070
WALKER, MARY AMELIA 3,006,072
WALLING, BRADFORD J. 3,006,040
WALMART APOLLO, LLC 3,005,735
WALMART APOLLO, LLC 3,006,056
WALMART APOLLO, LLC 3,006,060
WALMART APOLLO, LLC 3,006,089
WALTON, ZACHARY WILLIAM 3,006,181
WAMPLER, KEITH M. 3,005,562
WANAKULE, NISITA 3,005,765
WANG, CHANGYU 3,005,855
WANG, CHAO 3,005,878
WANG, CONG 3,005,768
WANG, DANNY 3,005,663
WANG, JIEYI 3,005,749
WANG, JIFENG 3,006,296
WANG, JIFENG 3,006,307
WANG, RENQIU 3,005,846
WANG, SHUANGCHENG 3,005,917
WANG, TIANZHE 3,006,071
WANG, WEI 3,006,314
WANG, XIAO FENG 3,005,846
WANG, YAOLIN 3,005,749
WANN, STEVEN 3,005,734
WASHINGTON UNIVERSITY 3,005,895
WATANABE, ATSUSHI 3,004,692
WAUTHOZ, NATHALIE 3,005,992
WAXMAN CONSUMER PRODUCTS GROUP INC. 3,006,071
WEBB, R. KYLE 3,005,891
WEERTS, KOEN JOHAN HERMAN 3,006,237
WEI, CHENGPING 2,991,735
WEI, XIAOLIN 3,005,894
WEIBEL, ANDRE 3,006,023
WEINSCHENK, TONI 3,005,813
WEIR, LESLEY W. 3,006,214
WEISSMAN, IRVING L. 3,005,911
WEISTER, NATHAN J. 3,005,624
WELBILT, INC. 3,006,068
WELBORN, ROBERT BRYCE MINDEN 3,003,744
WELCH, KAREN TERRY 3,005,597
WELCH, KAREN TERRY 3,005,601
WELSCH, VOLKER 3,006,026
WEN, QUAN 3,006,151
WEN, WEI 3,006,318
WENGLOWSKY, STEVEN MARK 3,005,741
WERNER-SIMON, SUSANNE 3,005,683
WERT, KEVIN (DECEASED) 3,006,214
WESTROCK PACKAGING SYSTEMS, LLC 3,006,040
WHITE, DENNIS 3,005,609
WHITEKER, GREGORY 3,005,738
WHITEKER, GREGORY 3,005,744
WHITEKER, GREGORY 3,005,862
WHITELOCK, STEVE 3,005,775
WICKS, DAVID 3,005,936
WIEBE, ANITA 3,005,813
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